Product Datasheet

Fluorescein Antibody (4-4-20 (enhanced)) [Alexa Fluor® 647] NBP2-81024AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com

technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-81024AF647

Updated 7/11/2023 v.20.1

Earn rewards for product reviews and publications.



Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP2-81024AF647

NBP2-81024AF647

Fluorescein Antibody (4-4-20 (enhanced)) [Alexa Fluor® 647]

Product Information 0.1 ml Unit Size 0.1 ml Concentration Please see the vial label for concentration. If unlisted please contact technical services. Storage Storage Storage Store at 4C in the dark. Clonality Monoclonal Clone 4-4-20 (enhanced) Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Alexa Fluor 647 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Human Species Non-species specific Species Non-species pace Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein labelled proteins. Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product and components of the product on its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or information, or data in return for manufacturing: (i) to provide a service, information, or data in return for manufacturing: (ii) to present erosoli for purposes or (iv) for researk, cuarter soli for purposes, or (iv) for researk cuarter very write the advective very resolid corporation. The variased volume of this product anorposeses, or (iv) for researk cuarter verear resolid for purpose		
ConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalClone4-4-20 (enhanced)Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 647PurityProtein A purifiedBuffer50mM Sodium BorateProduct DescriptionHumanHostHumanSpecificity/SensitivityFluorescein labelled proteins.ImmunogenFluorescein labelled proteins.ImmunogenFluorescein labelled proteins.Liffer Technologies Corporation. The purchase of this product corveys to the buyer the non-transferable right to use the product or its components of the product or its components. (ii) for the repartice or purchase and academic or for-profile mitiy). The sale of this product is expressly conditioned on the buyer not using the product or its components. (ii) in manufacturing. (ii) to provide a service, information, or data in return for pagmet: (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in seearch. For information or outchasing discuss corporation. This conjugate is made using the buyer or outlicensing@illefetch.com. This conjugate is made on debuge. Corporation for solution, 5791 Van Allen Way, Carlsbad, CA 9208 USA or outlicensing@illefetch.com. This conjugate is made on debuge. Corporation the yardut or tis stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control		
services.StorageStore at 4C in the dark.ClonalityMonoclonalClone4-4-20 (enhanced)Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 647PurityProtein A purifiedBufferSomM Sodium BorateProduct DescriptionHumanSpeciesNon-species specificSpeciesNon-species specificSpeciesFluorescein labelled proteins.ImmunogenFluorescein labelled proteins.NotesAlexa Fluor (R) products are provided under an intellectual property license form buyer the non-transferable right to use the purchased product and components of the product or is components, in any activity to generate revenue, which may include, but is not limited to use of this product is methaned using the product or is components, in any activity to generate revenue, which may include, but is not limited to use of the product or is components. (i) in manufacturing. (ii) to provide a service, information, or ad atin return for payment: (iii) for therapeutic, diagnostic or propries other than as described above, contact Life Technologies Corporation, The sure of this product is components.Product Application DetailsVestern Blot, Flow Cytometry, ControlProduct Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Unit Size	0.1 ml
ClonalityMonoclonalClone4-4-20 (enhanced)Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 647PurityProtein A purifiedBuffer50mM Sodium BorateProduct DescriptionHumanSpeciesNon-species specificSpeciesNon-species specificSpeciesNon-species reproved under an intellectual property license from Life Technologies Corporation. The purchase of this product onveys to the buyer the non-transferable right to use the purchase of this product and components or the product on its components, or any materials made using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product is expressive conditioned on the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or the so or portal materials made using the product or its components, in any activity of a purpose; or (iv) for resale, regardless of whether	Concentration	•
Clone4-4-20 (enhanced)Preservative0.05% Sodium AzideIsotypeIgG1 KappaConjugateAlexa Fluor 647PurityProtein A purifiedBuffer50mM Sodium BorateProduct DescriptionHumanHostHumanSpeciesNon-species specificSpecificity/SensitivityFluorescein Iabelled proteins.ImmunogenFluorescein Iabelled proteins.NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components. (i) in manufacturing: (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylacic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purpose; or (i) in manufac	Storage	Store at 4C in the dark.
Preservative 0.05% Sodium Azide Isotype IgG1 Kappa Conjugate Alexa Fluor 647 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Human Species Non-species specific Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein labelled proteins. Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product on lis or product is expressly conditioned on the buyer in to nor-transferable to use of the product or its components. (i) in manufacturing: (i) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for reseale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components. (i) in manufacturing: (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for reseale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its components. (i) in manufacturing: (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purpose; or (iv) for reseale, regardless of whether they are resold for use in research. For information on purchasing a license to this product f	Clonality	Monoclonal
IsotypeIgG1 KappaConjugateAlexa Fluor 647PurityProtein A purifiedBuffer50mM Sodium BorateProduct DescriptionHumanSpeciesNon-species specificSpeciesNon-species specificSpecificity/SensitivityFluorescein labelled proteins.ImmunogenFluorescein I-bovine serum albumin (FII-BSA).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchase of this product is expressly conditioned on the product only in research conducted by the buyer (whether the buyer is an cademic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylatic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@ilfetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Contr	Clone	4-4-20 (enhanced)
Conjugate Alexa Fluor 647 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Human Species Non-species specific Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein l-bovine serum albumin (FII-BSA). Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes: or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or this conjugate is made eon demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Mestern Blot, Flow Cytometry, Control Recommended Dilutions Western Blot, Flow Cytometry, Control	Preservative	0.05% Sodium Azide
Purity Protein A purified Buffer 50mM Sodium Borate Product Description Human Species Non-species specific Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein l-bovine serum albumin (FII-BSA). Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product or its components. (or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to rherapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or purposes; or information on purchasing a license to this product or purposes; or information on purchasing a license to this product or purposes; or information on purchasing a license to this product or purposes; or information on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Mestern Blot, Flow Cytometry, Control Recommended Dilutions Western Blot, Flow Cytometry, Control	Isotype	IgG1 Kappa
Buffer 50mM Sodium Borate Product Description Human Host Human Species Non-species specific Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein l-bovine serum albumin (FII-BSA). Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is repressly conditioned on the buyer not using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components; (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostion, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Western Blot, Flow Cytometry, Control Recommended Dilutions Western Blot, Flow Cytometry, Control	Conjugate	Alexa Fluor 647
Product Description Host Human Species Non-species specific Specificity/Sensitivity Fluorescein labelled proteins. Immunogen Fluorescein I-bovine serum albumin (FII-BSA). Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is arcpressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or is normation, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. Product Application Details Western Blot, Flow Cytometry, Control Recommended Dilutions Western Blot, Flow Cytometry, Control	Purity	Protein A purified
HostHumanSpeciesNon-species specificSpecificity/SensitivityFluorescein labelled proteins.ImmunogenFluorescein l-bovine serum albumin (FII-BSA).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether the yare resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Buffer	50mM Sodium Borate
SpeciesNon-species specificSpecificity/SensitivityFluorescein labelled proteins.ImmunogenFluorescein l-bovine serum albumin (FII-BSA).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for super solute way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application Details ApplicationsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Product Description	
Specificity/SensitivityFluorescein labelled proteins.ImmunogenFluorescein I-bovine serum albumin (FII-BSA).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demad. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Host	Human
ImmunogenFluorescein I-bovine serum albumin (FII-BSA).NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application Details ApplicationsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Species	Non-species specific
NotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Specificity/Sensitivity	Fluorescein labelled proteins.
Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Immunogen	Fluorescein I-bovine serum albumin (FII-BSA).
ApplicationsWestern Blot, Flow Cytometry, ControlRecommended DilutionsWestern Blot, Flow Cytometry, Control	Notes	Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The
Recommended Dilutions Western Blot, Flow Cytometry, Control	••	
	••	
Application Notes Optimal dilution of this antibody should be experimentally determined.		
	Application Notes	Optimal dilution of this antibody should be experimentally determined.





Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112 USA Phone: 303.730.1950 Toll Free: 1.888.506.6887 Fax: 303.730.1966 nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave Toronto, ON M8Z 4E6 Canada Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402 canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449 Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com Technical Support: nb-technical@biotechne.com Orders: nb-customerservice@bio-techne.com General: novus@novusbio.com

Products Related to NBP2-81024AF647

NBP2-33376HBlue Marker Antibody (6F4-F6) [HRP]NBP3-06872AF647Human IgG1 Kappa Isotype Control [Alexa Fluor® 647]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-81024AF647

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications



www.novusbio.com