# **Product Datasheet**

# Creatine Kinase BB Antibody (8E4) [Alexa Fluor® 594] NBP2-59462AF594

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/NBP2-59462AF594

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/NBP2-59462AF594



# NBP2-59462AF594

**Product Information** 

Creatine Kinase BB Antibody (8E4) [Alexa Fluor® 594]

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  Applications  Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Froduct information	
Storage Store at 4C in the dark.  Clonality Monoclonal  Clone 8E4  Preservative 0.05% Sodium Azide  Isotype IgG2a Kappa  Conjugate Alexa Fluor 594  Purity Protein A purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1152  Gene Symbol CKB  Species Human  Reactivity Notes 0  Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli  Notes  Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. 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 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 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, or any materials made using the product or 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 of the rinformation on purchasing a license to this product for purposes of the rinformation on purchasing a license to this product or purposes of the rinformation on purchasing a license to this product for 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 of the rinformation on purchasing a license to this product for purposes of the rinformation on purchasing a license to this product for purposes of the rinformation on purchasing a license to this product for purposes of the r	Unit Size	0.1 ml
Clonality Monoclonal Clone 8E4 Preservative 0.05% Sodium Azide Isotype 1gG2a Kappa Conjugate Alexa Fluor 594 Purity Protein A purified Buffer 50mM Sodium Borate Product Description Host Mouse Gene ID 1152 Gene Symbol CKB Species Human Reactivity Notes 0 Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli 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 or the product only in research conducted by the buyer (whether the buyer the non-transferable right to use the purchased product and components or the product only in research conducted by the buyer (whether the buyer the buyer the non-transferable right to use the purchased product and components or the product or only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product conveys to the buyer the buyer on the sugar 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; (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 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  Applications Western Blot, ELISA, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Concentration	·
Clone 8E4  Preservative 0.05% Sodium Azide  Isotype 1gG2a Kappa  Conjugate Alexa Fluor 594  Purity Protein A purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1152  Gene Symbol CKB  Species Human  Reactivity Notes 0  Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli  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 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; (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 payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for payment; (iii) for therapeutic, diagnostic or prophylactic 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, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence	Storage	Store at 4C in the dark.
Preservative   0.05% Sodium Azide   Isotype   IgG2a Kappa   Conjugate   Alexa Fluor 594   Purity   Protein A purified   Buffer   50mM Sodium Borate    Product Description   Host   Mouse   Gene ID   1152   Gene Symbol   CKB   Species   Human   Reactivity Notes   0   Immunogen   Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli   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 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 yearous, evenue, which may include, but is not limited to use of the product 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, 579 Ha 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  Applications   Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence	Clonality	Monoclonal
Isotype   IgG2a Kappa   Conjugate   Alexa Fluor 594   Purity   Protein A purified   Buffer   50mM Sodium Borate    Product Description   Host   Mouse   Gene ID   1152   Gene Symbol   CKB   Species   Human   Reactivity Notes   0   Immunogen   Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli   Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the uper the hon-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 lots 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, 579 Ha 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  Applications   Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Clone	8E4
Conjugate Alexa Fluor 594  Purity Protein A purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse Gene ID 1152 Gene Symbol CKB  Species Human Reactivity Notes 0 Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli 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 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  Applications Western Blot, ELISA, Flow Cytometry, Immunofluorescence  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Preservative	0.05% Sodium Azide
Purity Protein A purified  Buffer 50mM Sodium Borate  Product Description  Host Mouse  Gene ID 1152  Gene Symbol CKB  Species Human  Reactivity Notes 0  Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli  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 or ly 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  Applications Western Blot, ELISA, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Isotype	IgG2a Kappa
Buffer   SomM Sodium Borate	Conjugate	Alexa Fluor 594
Product Description	Purity	Protein A purified
Host Mouse  Gene ID 1152  Gene Symbol CKB  Species Human  Reactivity Notes 0  Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli  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, or any materials made using the product or its components; (ii) 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  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence	Buffer	50mM Sodium Borate
Gene Symbol CKB Species Human Reactivity Notes 0 Immunogen Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli 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, or any materials made using the product or its components; (ii) in manufacturing; (iii) 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  Applications Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence	Product Description	
Gene Symbol  CKB  Species  Human  Reactivity Notes  0  Immunogen  Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli  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, or any materials made using 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  Applications  Western Blot, ELISA, Flow Cytometry, Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Host	Mouse
Reactivity Notes	Gene ID	1152
Reactivity Notes   0	Gene Symbol	СКВ
Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli   Notes	Species	Human
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 Details  Applications  Western Blot, ELISA, Flow Cytometry, Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Reactivity Notes	0
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  Applications  Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Immunogen	Recombinant human Creatine Kinase BB (1-381aa) purified from E. coli
Applications  Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence  Recommended Dilutions  Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence	Notes	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, ELISA, Immunocytochemistry/Immunofluorescence	•	
Immunocytochemistry/Immunofluorescence		
Application Notes Optimal dilution of this antibody should be experimentally determined	Recommended Dilutions	
	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@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

## Products Related to NBP2-59462AF594

NBP1-96981AF594 Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 594]

NBP1-84460PEP Creatine Kinase BB Recombinant Protein Antigen

210-TA-005 TNF-alpha [Unconjugated]

9076-CK-050 Creatine Kinase BB [Unconjugated]

#### 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/NBP2-59462AF594

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

