## **Product Datasheet**

### CD4 Antibody (W3/25) [Alexa Fluor® 750] NBP2-80647AF750

Unit Size: 0.25 ml

Store at 4C in the dark.

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#### NBP2-80647AF750

CD4 Antibody (W3/25) [Alexa Fluor® 750]

Product Information     Unit Size     0.25 ml       Concentration     Please see the vial label for concentration. If unlisted please contact technical services.       Storage     Store at 4C in the dark.       Clonality     Monoclonal       Clone     W3/25       Preservative     0.05% Sodium Azide       Isotype     IgG1       Conjugate     Alexa Fluor 750       Purity     Protein G purified       Buffer     50mM Sodium Borate       Product Description     Wose       Gene ID     920       Gene Symbol     CD4       Species     Rat       Immunogen     Rat Thymocyte Membrane Glycoproteins       Notes     Alexa Fluor (R) products are provided under an intellectual property license from Life factonologies Corporation. The purchase of this product and components of the product only in research conduced by the buyer (whether the buyer is an accemtic or for-profit entity). The safe of this product is expressly conditioned on the buyer the non-transferable right to use in presearch. For information or purchasing a license to this product or tescomponents. (1) in manufacturing; (1) to provide a service, information, or data in return for payment; (ii) for treasearch conduced by the buyer (whether the buyer is an accemtic or for-profit entity). The safe of this product is expressly conditioned on purchasing a license to this product or tesco		-
ConcentrationPlease see the vial label for concentration. If unlisted please contact technical services.StorageStore at 4C in the dark.ClonalityMonoclonalCloneW3/25Preservative0.05% Sodium AzideIsotypeIgG1ConjugateAlexa Fluor 750PurityProtein G purifiedBufferSomM Sodium BorateProduct DescriptionSomM Sodium BorateHostMouseGene ID920Gene BSpeciesRat Thymocyte Membrane GlycoproteinsNotesAlexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased of the buyer the non-transferable right to use the product card components of the product or its components. (0) in manufacturing; (0) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or uprophylactic purposes; or (iv) for resale, regardless or vulticesing@lifetech.com. This conjugate is made on demonder they ware fund-transferable right for use the product or its components; (0) in manufacturing; (0) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or uprophylactic purpose; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product or its conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The vunchistochemistry. Timmunofiutorescence, Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Immunohistochemistry. Tread, Immunohistochemistry. I	Product Information	
services.     Storage   Store at 4C in the dark.     Clonality   Monoclonal     Clone   W3/25     Preservative   0.05% Sodium Azide     lsotype   IgG1     Conjugate   Alexa Fluor 750     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   Host     Host   Mouse     Gene BD   920     Gene Symbol   CD4     Species   Rat     Immunogen   Rat Thymocyte Membrane Glycoproteins     Notes   Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased product and components of the product on its components, in any activity to generate revenue, which may include, but is not limited to use of the product or a supresety 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 resale, regardless of whether they are resold for use in research. For information or data in return for resale, regardless or vulticensing@illefech.com. This conjugate is made on demand. Actual recovery may vary from the stated voluen of this product. The yourchase and the stated voluen of this product. The yourchease state on the datasheet.     Product Application Details   Flow Cytometry. Flow (Cell Surface), Immunohistochemistry, Immunofluorescence, Immun	Unit Size	0.25 ml
Clonality     Monoclonal       Clone     W3/25       Preservative     0.05% Sodium Azide       Isotype     IgG1       Conjugate     Alexa Fluor 750       Purity     Protein G purified       Buffer     50m Sodium Borate       Product Description     Froduct Description       Host     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Rat       Immunogen     Rat Thymocyte Membrane Glycoproteins       Notes     Life Technologies Corporation. The purchase of this product and components for 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 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 use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purchasing a license to this product or use in research. For information on purc	Concentration	•
Clone   W3/25     Preservative   0.05% Sodium Azide     Isotype   IgG1     Conjugate   Alexa Fluor 750     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   House     Gene ID   920     Gene Symbol   CD4     Species   Rat     Immunogen   Rat Thymocyte Membrane Glycoproteins     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 othe 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 to using the product or its components. (i) in manufacturing: (ii) to provide a service, information, oral ain return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for reseale, regardless of whether the yare resold for use in research. For voluce, as in research acadevice, oral an intervence, which may include, but is not limited to use of the product or its components: (i) in munofstochemistry (iii) to provide a service, information, and ain 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 outcets are accelled 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	Storage	Store at 4C in the dark.
Preservative   0.05% Sodium Azide     Isotype   IgG1     Conjugate   Alexa Fluor 750     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   920     Gene Symbol   CD4     Species   Rat     Immunogen   Rat Thymocyte Membrane Glycoproteins     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 enity). The sale of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product or its components, in any activity ogenerate 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 proposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for using components. (i) in manufacturing a license to this product for using exacts and, 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   Flow Cytometry, Flow (Cell Surface), Immunonohistochemistry.F	Clonality	Monoclonal
IsotypeIgG1ConjugateAlexa Fluor 750PurityProtein G purifiedBuffer50mM Sodium BorateProduct DescriptionMouseGene ID920Gene SymbolCD4SpeciesRatImmunogenRat Thymocyte Membrane GlycoproteinsNotesAlexa Fluor (R) product only in research conduct of this product oneys to the buyer the non-transferable right to use the purchased 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 pophylactic purposes; or (iv) for resale, regardless of whether the yar eresold or use in research. For information on purchasing a license to this product in property. Circles and on purchasing a license to this product or property. Circles of the product or its components, (ii) in manufacturing; (ii) to provide a service, information, or data in neturn for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether the yar eresold for use in research. For information on purchasing a license to this product for use conduct. The volume will be greater than or equal to the unit size stated on the datasheet.Product Application DetailsFlow Cytometry, Flow (Cell Surface), Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry, Flow (Cell Surface), CyTOF-ready	Clone	W3/25
ConjugateAlexa Fluor 750PurityProtein G purifiedBuffer50mM Sodium BorateProduct DescriptionHostMouseGene ID920Gene SymbolCD4SpeciesRatImmunogenRat Thymocyte Membrane GlycoproteinsNotesAlexa 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 to 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: (iii) to rotherapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information or purchasing a license to this product for upurposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 2008 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 DetailsFlow Cytometry, Flow (Cell Surface), Immunochytochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry, Flow (Cell Surface), Immunohistochemistry-Paraffin, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), Immunohistochemistry-Paraffin, Immunohistochemistry-Fro	Preservative	0.05% Sodium Azide
Purity     Protein G purified       Buffer     50mM Sodium Borate       Product Description     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Rat       Immunogen     Rat Thymocyte Membrane Glycoproteins       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 include, but is not limited to use of the product is expressly conditioned on the buyer not using the product or its components, or any materials made using include, but is not limited to use of the product or proposes; 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; or (iv) for demand. Actual recover 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     Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), CyTOF-ready	Isotype	IgG1
Buffer     50mM Sodium Borate       Product Description     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Rat       Immunogen     Rat Thymocyte Membrane Glycoproteins       Notes     Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchased 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 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, 5731 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     Flow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), CyTOF-ready	Conjugate	Alexa Fluor 750
Product Description     Host   Mouse     Gene ID   920     Gene Symbol   CD4     Species   Rat     Immunogen   Rat Thymocyte Membrane Glycoproteins     Notes   Alexa Fluor (R) products are provided 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 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, 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 threapeutic, 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   Flow Cytometry, Flow (Cell Surface), Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready     Recommended Dilutions   Flow Cytometry, Immunofluorescence, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, </th <th>Purity</th> <th>Protein G purified</th>	Purity	Protein G purified
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SpeciesRatImmunogenRat Thymocyte Membrane GlycoproteinsNotesAlexa 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 DetailsFlow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry. Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunoh	Gene ID	920
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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 DetailsFlow Cytometry, Flow (Cell Surface), Immunohistochemistry-Immunohistochemistry-Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Frozen, Immunohistochemistry, Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry, Immunohistochemistry, Immunohistochemistry, Frozen, Flow (Cell Surface), CyTOF-ready	Immunogen	Rat Thymocyte Membrane Glycoproteins
ApplicationsFlow Cytometry, Flow (Cell Surface), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), CyTOF-ready	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
Immunocytochemistry/İmmunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), CyTOF-ready	Product Application Details	
Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Flow (Cell Surface), CyTOF-ready	Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry,
Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin,
	Application Notes	Optimal dilution of this antibody should be experimentally determined.





#### Novus Biologicals USA

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#### Products Related to NBP2-80647AF750

NBP1-97005AF750Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 750]NBP1-19371PEPCD4 Antibody Blocking Peptide210-TA-005TNF-alpha [Unconjugated]514-CD-050/CFCD4 [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.

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