# **Product Datasheet**

# CD4 Antibody (RPA-T4) [Alexa Fluor® 350] NBP2-27216AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1







## NBP2-27216AF350

CD4 Antibody (RPA-T4) [Alexa Fluor® 350]

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		
Concentration     Please see the vial label for concentration. If unlisted please contact technical services.       Storage     Store at 4C in the dark.       Clonality     Monoclonal       Clone     RPA-T4       Preservative     0.05% Sodium Azide       Isotype     IgG1 Kappa       Conjugate     Alexa Fluor 350       Purity     Protein G purified       Buffer     SomM Sodium Borate       Product Description     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Human       Immunogen     PHA-stimulated human PBMC.       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, 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 lineed to use of the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include,	Product Information	
services.   Storage Store at 4C in the dark.   Clonality Monoclonal   Clone RPA-T4   Preservative 0.05% Sodium Azide   Isotype IgG1 Kappa   Conjugate Alexa Fluor 350   Purity Protein G purified   Buffer 50mM Sodium Borate   Product Description Mouse   Gene ID 920   Gene Symbol CD4   Species Human   Immunogen PH-4-stimulated human PBMC.   Notes Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product acomyosy to the buyer rub 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, 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	Unit Size	0.1 ml
Clonality     Monoclonal       Clone     RPA-T4       Preservative     0.05% Sodium Azide       Isotype     IgG1 Kappa       Conjugate     Alexa Fluor 350       Purity     Protein G purified       Buffer     50mM Sodium Borate       Product Description     Host       Host     Mouse       Gene ID     920       Gene BD     920       Gene Symbol     CD4       Species     Human       Immunogen     PHA-stimulated human PBMC.       Notes     Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product can components of the product on its components. (I) in manufacturing (II) to portif entity). The sale of this product can express y conditioned on the buyer the non-transferable right to use the purchased product and components of the product on its components. (I) in manufacturing (II) to provide a service, information, or any materials made using the product or its components. (I) in manufacturing (II) to provide a service, information, or any materials made using the product or its components. (I) in manufacturing (II) to therapeutic, diagnostic or prophylactic purposes; or (IV) for resale, regardless of whether they are resold for use in seearch. For information on purchasing a license to this product for uproses other than as described above. contact Life Technologies Corporation. This conjugate is made on de	Concentration	
Clone     RPA-T4       Preservative     0.05% Sodium Azide       Isotype     IgG1 Kappa       Conjugate     Alexa Fluor 350       Purity     Protein G purified       Buffer     50mM Sodium Borate       Product Description     Host       Host     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Human       Immunogen     PHA-stimulated human PBMC.       Notes     Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product can components of the product on its components, or any materials made using the product or its components; (0) in manufacturing; (10) to provide a service, information, or any materials made using the product or its components; (0) in manufacturing; (10) to provide a service, information, or any materials made using the product or its components; (0) in manufacturing; (10) to provide a service, information, or any materials made using constant. Life Technologies Corporation. They are resold for use in research. For information on purchasing a license to this product or its components; (0) in manufacturing; (10) to provide a service, information, or any materials made using the product or its components; (0) in manufacturing; (11) for therapeutic, diagnostic or prophylactic 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 prophylactic purpose; or (iv) for	Storage	Store at 4C in the dark.
Preservative   0.05% Sodium Azide     Isotype   IgG1 Kappa     Conjugate   Alexa Fluor 350     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   Host     Host   Mouse     Gene ID   920     Gene Symbol   CD4     Species   Human     Immunogen   PHA-stimulated human PBMC.     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 is expressly conditioned on 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, 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 for purposes; or (iv) for resile, regardless of whether the bay revenue, which may include, but is not limited to use of the product 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/Frazen, BiocKNeutralize     Applications   Flow Cytometry, Immunohistochemistry, Immunohistochemistry, Immunohistoc	Clonality	Monoclonal
Isotype   IgG1 Kappa     Conjugate   Alexa Fluor 350     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   920     Gene Symbol   CD4     Species   Human     Immunogen   PHA-stimulated human PBMC.     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 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. (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 consisting a license to this product or use in research. For information or purchasing a license to this product or use other than as described advec. Coma This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be great	Clone	RPA-T4
Conjugate   Alexa Fluor 350     Purity   Protein G purified     Buffer   50mM Sodium Borate     Product Description   Mouse     Gene ID   920     Gene Symbol   CD4     Species   Human     Immunogen   PHA-stimulated human PBMC.     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 guerate 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) to 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 use of 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/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immun	Preservative	0.05% Sodium Azide
Purity     Protein G purified       Buffer     50mM Sodium Borate       Product Description     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Human       Immunogen     PHA-stimulated human PBMC.       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 proposes of the as adsoribed 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/ Immunofluorescence, Immunohistochemistry, Flow (Chell Surface), Immunofluorescence, Immun	Isotype	IgG1 Kappa
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Product Description       Host     Mouse       Gene ID     920       Gene Symbol     CD4       Species     Human       Immunogen     PHA-stimulated human PBMC.       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 or 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, 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), Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)       Recommended Dilutions     Flow Cytometry, Paraffin (Negative), CyTOF-ready, Block/Neutralize	Purity	Protein G purified
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Species     Human       Immunogen     PHA-stimulated human PBMC.       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     Flow Cytometry, Flow (Cell Surface), Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)       Recommended Dilutions     Flow Cytometry, Immunohistochemistry, Immunohistochemistry/ Immunohistochemistry-Paraffin (Negative), CyTOF-ready, Block/Neutralize	Gene ID	920
Immunogen     PHA-stimulated human PBMC.       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     Flow Cytometry, Flow (Cell Surface), Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry/ Immunofluorescence, Immunohistochemistry, Frozen, Flow (Cell Surface), Immunohistochemistry-Paradfin (Negative), KyTOF-ready, Block/Neutralize	Gene Symbol	CD4
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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 DetailsFlow Cytometry, Flow (Cell Surface), Immunohistochemistry/Immunofistore, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry/Paraffin (Negative)Recommended DilutionsFlow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofiuorescence, Immunohistochemistry, CyTOF-ready, Block/Neutralize	Immunogen	PHA-stimulated human PBMC.
ApplicationsFlow Cytometry, Flow (Cell Surface), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)Recommended DilutionsFlow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface), Immunohistochemistry-Paraffin (Negative), CyTOF-ready, Block/Neutralize	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
Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Immunohistochemistry-Paraffin (Negative)Recommended DilutionsFlow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface), Immunohistochemistry-Paraffin (Negative), CyTOF-ready, Block/Neutralize	••	
Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface), Immunohistochemistry-Paraffin (Negative), CyTOF-ready, Block/Neutralize	Applications	Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen,
Application NotesOptimal dilution of this antibody should be experimentally determined.	Recommended Dilutions	Immunofluorescence, Immunohistochemistry-Frozen, Flow (Cell Surface),
	Application Notes	Optimal dilution of this antibody should be experimentally determined.



#### Images

CD4 Antibody (RPA-T4) [Alexa Fluor® 350] [NBP2-27216AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.



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#### Novus Biologicals USA

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## **Bio-Techne Ltd**

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## **General Contact Information**

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#### Products Related to NBP2-27216AF350

NBP1-19371PEP	CD4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
514-CD-050/CF	CD4 [Unconjugated]
M6000B-1	IL-6 [HRP]

#### 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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