

Product Datasheet

CD25/IL-2R alpha Antibody (Basiliximab) [Alexa Fluor® 405] - Chimeric NBP2-75902AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NBP2-75902AF405

CD25/IL-2R alpha Antibody (Basiliximab) [Alexa Fluor® 405] - Chimeric

Product Information	
Unit Size	0.1 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	Basiliximab
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Human
Gene ID	3559
Gene Symbol	IL2RA
Species	Human, Cynomolgus Monkey, Rhesus Macaque
Specificity/Sensitivity	Basiliximab recognises the human IL-2R and binds to the epitope (116)ERIYHFV (122) within the extracellular domain of the CD25 subunit -binding is abolished when 2 or more residues within the epitope are mutated. This epitope overlaps with the interaction site of CD25 and IL-2. CD25 is found in the high-affinity IL-2R ((alpha)(beta)(gamma)c) -T cells only express CD25 upon activation. IL-2 binding to IL-2R on T cells modulates proliferation and differentiation.
Immunogen	Basiliximab was prepared by immunizing BALB/c mice with CTC 16 cells.
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, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Block/Neutralize
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

CD25/IL-2R alpha Antibody (Basiliximab) [Alexa Fluor® 405] - Chimeric [NBP2-75902AF405] - Vial of Alexa Fluor 405 conjugated antibody. Alexa Fluor 405 is optimally excited at 401 nm by the Violet laser (405 nm) and has an emission maximum of 421 nm.



Alexa Fluor® 405

LASER (nm)	FILTER
Violet (405)	450/45

EXCITATION MAX (nm)	EMISSION MAX (nm)
401	421



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Products Related to NBP2-75902AF405

NBP3-06872AF405	Human IgG1 Kappa Isotype Control [Alexa Fluor® 405]
NBP2-38730PEP	CD25/IL-2R alpha Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DR2A00	CD25/IL-2R alpha [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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