

Product Datasheet

CD25/IL-2R alpha Antibody (Basiliximab) [Alexa Fluor™ Plus 594] - Chimeric NBP2-75902AFP594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-75902AFP594

CD25/IL-2R alpha Antibody (Basiliximab) [Alexa Fluor™ Plus 594] - 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 Plus 594 |
| 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 | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.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 |



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|------------------------------|--|
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-75902AFP594

| | |
|------------------|--|
| NBP3-06872AFP594 | Human IgG1 Kappa Isotype Control [Alexa Fluor® Plus 594] |
| 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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