

# Product Datasheet

## CD25/IL-2R alpha Antibody (Basiliximab) [Allophycocyanin] - Chimeric NBP2-75902APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75902APC**

CD25/IL-2R alpha Antibody (Basiliximab) [Allophycocyanin] - 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           | Allophycocyanin   |
| Purity              | Protein A purified  |
| Buffer              | PBS   |

| 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.   |

| 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) [Allophycocyanin] - Chimeric [NBP2-75902APC] - Vial of APC conjugated antibody. APC is optimally excited at 650 nm by the Red laser (633 or 640 nm) and has an emission maximum of 660 nm.





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### Products Related to NBP2-75902APC

|               |  |
|---------------|--|
| NBP3-06872APC | Human IgG1 Kappa Isotype Control [Allophycocyanin] |
| 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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