

# Product Datasheet

## CD25/IL-2R alpha Antibody (IL2RA/423) NBP2-45089-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-45089-0.1mg**

CD25/IL-2R alpha Antibody (IL2RA/423)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	IL2RA/423
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	55 kDa

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3559
<b>Gene Symbol</b>	IL2RA
<b>Species</b>	Human
<b>Marker</b>	Activated Lymphocyte Marker
<b>Specificity/Sensitivity</b>	Recognizes a protein of 55kDa, identified as CD25. It is expressed on activated T- and B-cells and activated monocytes/macrophages. With respect to lymphomas, CD25 is present on malignant cells of Hodgkins disease, HTLV-1+ adult T-cell leukemia, cutaneous T-cell lymphoma, and hair cell leukemia. Increased levels of soluble CD25 are observed in the leukemias/lymphomas and inflammatory/ autoimmune diseases. CD25 molecule alone appears to function as a low affinity receptor and associates with CD122 (IL-2R chain, p75) and CD132 (common chain) to form the high affinity IL-2 receptor complex. CD25 antibodies detect three epitope regions, A, B and C. This MAb recognizes the epitope B, which is located at residue 3-104 of CD25 and does not block IL-2 binding to CD25.
<b>Immunogen</b>	Recombinant full-length human CD25/IL-2R alpha protein

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Functional, Immunofluorescence 0.5 - 1.0 ug/ml
<b>Application Notes</b>	Functional Studies: Order Ab without Azide. Optimal dilution for a specific application should be determined.



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## 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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