

Product Datasheet

CD25/IL-2R alpha Antibody (143-13) [Alexa Fluor™ Plus 405]

NBP2-47725AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/1/2026 v.20.1

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CD25/IL-2R alpha Antibody (143-13) [Alexa Fluor™ Plus 405]

| 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 | 143-13 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor Plus 405 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3559 |
| Gene Symbol | IL2RA |
| Marker | Activated Lymphocyte Marker |
| Specificity/Sensitivity | 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 monoclonal antibody recognizes the epitope B, which is located at residue 3-104 of CD25 and doe not block IL-2 binding to CD25. |
| Immunogen | Stimulated human leukocytes |
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| Product Application Details | |
|------------------------------|--|
| Recommended Dilutions | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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