

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone 143-13]
Catalog # AH11574**Specification****CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Product Information**

Application	IF, FC
Primary Accession	P01589
Other Accession	3559 , 231367
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	55kDa KDa

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Additional Information**Gene ID** 3559**Other Names**

Interleukin-2 receptor subunit alpha, IL-2 receptor subunit alpha, IL-2-RA, IL-2R subunit alpha, IL2-RA, TAC antigen, p55, CD25, IL2RA

Application Note

IF~~1:50~200
FC~~1:10~50

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Protein Information**Name** IL2RA**Function**

Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells.

Cellular Location

Membrane; Single-pass type I membrane protein.

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Images**CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - Background**

Recognizes a protein of 55kDa, identified as CD25 (Workshop IV; Code A27). CD25 is expressed on activated T- and B-cells and activated monocytes/macrophages. With respect to lymphomas, CD25 is present on malignant cells of Hodgkin's disease, HTLV-1+ adult T-cell leukemia, cutaneous T-cell lymphoma, and hairy 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 β chain, p75) and CD132 (common γ 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 can effectively block IL-2 binding to CD25.

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide - References

Knapp W. et al. Leucocyte typing IV, p. 408- 411 and p. 1080, Oxford University Press, Oxford 1989