

CD25 / IL2RA (Activated Lymphocyte Marker) Antibody - With BSA and Azide
Mouse Monoclonal Antibody [Clone IL2RA/423]
Catalog # AH11576

Specification

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

| | |
|-------------------|---|
| Application | ,3,4, |
| Primary Accession | P01589 |
| Other Accession | 3559 , 231367 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | Mouse / IgG2a, 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

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. It 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 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.

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

L.A. Rubin, et al, (1985) Hybridoma 4: 91-102. | B. Boutin, et al, (1989) Neuropediatrics 20: 202-206. | T.A. Waldmann, et al, (1989) Annu Rev Biochem 58: 875-911. | T.A. Waldmann, et al, (1995) Blood 86: 4063-4075. | Leukocyte Typing IV (W. Knapp, et al, eds.) Oxford University Press, Oxford, (1989) p. 403-40