

36-2586: Anti-CD25 / IL2RA (Activated Lymphocyte Marker) Monoclonal Antibody(Clone: IL2RA/423)

Clonality :	Monoclonal
Clone Name :	IL2RA/423
Application :	Functional Assay,FACS,IF
Reactivity :	Human
Gene :	IL2RA
Gene ID :	3559
Uniprot ID :	P01589
Alternative Name :	IL2 Receptor alpha; IL2R alpha chain; IL2R; IL2R subunit alpha IL2RA; Interleukin-2 receptor subunit alpha; Ly43; p55; p55 chain; T Cell Growth Factor Receptor; TAC antigen; TCGFR
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Recombinant full-length human IL2RA protein

Description

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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Functional Studies (Order Ab without Azide); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml);

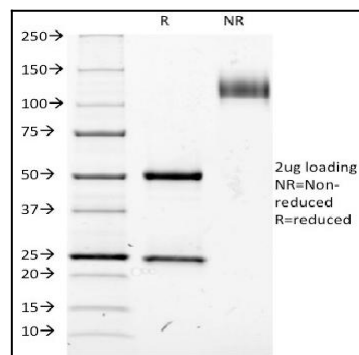


Fig. 1: SDS-PAGE Analysis Purified CD25 Mouse Monoclonal Antibody (IL2RA/423).