

ARG62407
anti-CD25 antibody [IL2R.1]Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [IL2R.1] recognizes CD25
Tested Reactivity	Hu
Tested Application	FACS, IHC-Fr, IHC-P
Specificity	Specific to a 55 kDa protein known as interleukin 2-receptor (IL-2R alpha). IL-2R alpha is over expressed on the surface of activated T cell, HTLV-1 or HTLV-2 positive T cell lines and moderately expressed on activated B cells, NK-cells and macrophages.
Host	Mouse
Clonality	Monoclonal
Clone	IL2R.1
Isotype	IgG1
Target Name	CD25
Species	Human
Immunogen	BALB/C mice were injected with recombinant human interleukin-2 receptor
Conjugation	Un-conjugated
Alternate Names	IL-2-RA; IL-2 receptor subunit alpha; CD25; TCGFR; TAC antigen; IL2R; CD antigen CD25; Interleukin-2 receptor subunit alpha; IL-2R subunit alpha; p55; IL2-RA; IDDM10

Application Instructions

Application Note	FACS: 1/50. IHC-P: 1/20 - 1/50. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Tonsil

Properties

Form	Liquid
Purification	Protein A purified
Buffer	PBS (pH 7.2), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 3559 Human Swiss-port # P01589 Human
Gene Symbol	IL2RA
Gene Full Name	interleukin 2 receptor, alpha
Background	The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.[provided by RefSeq, Nov 2009]
Function	Receptor for interleukin-2. [UniProt]
Research Area	Immune System antibody; Pre-B Cell Marker antibody
Calculated Mw	31 kDa
Cellular Localization	Membrane.