

## ARG62406 anti-CD25 antibody [B489 (143-13)]

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [B489 (143-13)] recognizes CD25
Tested Reactivity	Hu
Tested Application	FACS, IHC-Fr, IHC-P
Specificity	Reacts a 55kD single chain glycoprotein, CD25, that associates with CD12 and CD132 to form the IL-2 receptor complex.
Host	Mouse
Clonality	Monoclonal
Clone	B489 (143-13)
Isotype	IgG1
Target Name	CD25
Species	Human
Immunogen	Human leucocytes
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: 1/150 - 1/300. IHC-Fr: 1/50 - 1/100. IHC-P: 1/50 - 1/100. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	Human Tonsil, Thymus, and Spleen tissues

### Properties

Form	Liquid
Purification	Immunogen affinity purified
Buffer	PBS (pH 7.5) and 0.05% Sodium azide
Preservative	0.05% Sodium azide
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

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Database links	<a href="#">GeneID: 3559 Human</a> <a href="#">Swiss-port # P01589 Human</a>
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