

ARG23332 anti-CD25 antibody [B-B10] (low endotoxin)

Package: 100 µl
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Mouse Monoclonal antibody [B-B10] recognizes CD25
Tested Reactivity	Hu
Tested Application	FACS, FuncSt, IHC-Fr
Specificity	This antibody recognizes the Interleukin 2 Receptor alpha chain (IL-2 Ra), a 55 kDa protein.
Host	Mouse
Clonality	Monoclonal
Clone	B-B10
Isotype	IgG1
Target Name	CD25
Species	Human
Immunogen	PHA activated T cells
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 table	Application	Dilution
	FACS	Assay-dependent
	FuncSt	Assay-dependent
	IHC-Fr	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

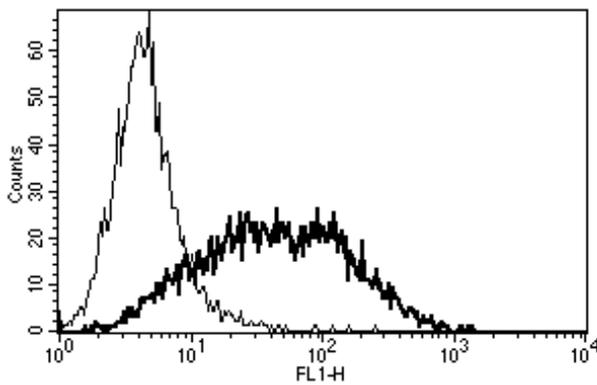
Properties

Form	Liquid
Purification Note	Sterile-filtered through 0.22 µm and treated to remove endotoxins.
Buffer	PBS
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

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

Images



ARG23332 anti-CD25 antibody [B-B10] (low endotoxin) FACS image

Flow Cytometry: PHA activated lymphocytes stained with ARG23332 anti-CD25 antibody [B-B10] (low endotoxin).