

ARG23333 anti-CD25 antibody [B-B10] (Biotin)

Package: 500 µl
Store at: 4°C

Summary

Product Description	Biotin-conjugated Mouse Monoclonal antibody [B-B10] recognizes CD25
Tested Reactivity	Hu
Tested Application	FACS
Specificity	This antibody recognizes the Interleukin 2 Receptor a 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	Biotin
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	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>Assay-dependent</td></tr> </table>	Application	Dilution	FACS	Assay-dependent
Application	Dilution				
FACS	Assay-dependent				
Application Note	FACS: Use 10 µl to label 10⁶ cells or 100 µl of whole blood. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and 1% BSA.
Preservative	0.1% Sodium azide
Stabilizer	1% BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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.

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