

IL2RA

Mouse Anti-Human IL-2R alpha Clone B-G3 Azide Free Capture mAb

Catalog No.	CDM394	Quantity:	1 mg
Alternate Names:	p55; CD25; IL2R; IMD41; TCGFR; IDDM10		
Description:	Mouse Anti-Human IL-2R alpha Clone B-G3 Azide Free Capture Monoclonal Antibody 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.		
Concentration:	1.0 mg / 1.0 ml		
Gene ID:	3559		
Specificity:	Recognizes the Interleukin-2 Receptor alpha chain (IL-2Ra), a 55 kDa protein		
Host:	Mouse		
Immunogen:	PHA activated T cells		
Isotype:	IgG1		
Clone:	B-G3		
Hybridoma:	Myeloma X63/AG.8653 x Balb/c spleen cells		
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and Preservative free		
Purification:	Ion exchange chromatography		
Applications:	ELISA Capture Antibody. This Antibody can be used as Capture in a human CD25 sandwich Immunoassay to detect human CD25 in combination with biotinylated human CD25 Detection Antibody (Cat n° CDM418). The suggested coating concentration range below should be optimized by each laboratory for each application.		
Application Notes:	ELISA: 0.5-2.5 µg/ml		
Storage & Stability:	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

