

## IL2RA

### Mouse Anti-Human IL-2R alpha Clone B-F2 Biotin Detection mAb

<b>Catalog No.</b>	CDM418	<b>Quantity:</b>	100 µg
<b>Alternate Names:</b>	p55; CD25; IL2R; IMD41; TCGFR; IDDM10		
<b>Description:</b>	<p>Mouse Anti-Human IL-2R alpha Clone B-F2 Biotin Detection 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.</p>		
<b>Concentration:</b>	0.1 mg / 1.0 ml		
<b>Gene ID:</b>	3559		
<b>Specificity:</b>	Recognizes the Interleukin-2 Receptor alpha chain (IL-2Ra), a 55 kDa protein		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	PHA activated T cells		
<b>Isotype:</b>	IgG1		
<b>Clone:</b>	B-F2		
<b>Hybridoma:</b>	Myeloma X63/AG.8653 x Balb/c spleen cells		
<b>Formulation:</b>	Phosphate-buffered saline. With 1% BSA and 0.09% Sodium Azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Ion exchange chromatography		
<b>Conjugate:</b>	Biotin		
<b>Applications:</b>	<p>ELISA Detection Antibody. This Antibody can be used as Detection in a human CD25 sandwich Immunoassay to detect human CD25 in combination with human CD25 Capture Antibody (Cat No CDM394). The suggested coating concentration range below should be optimized by each laboratory for each application.</p>		
<b>Application Notes:</b>	ELISA: 0.05-0.5 µg/ml		
<b>Storage &amp; Stability:</b>	Store at 2-4°C for 12 months. For longer storage, freeze aliquots at -20°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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