

Mouse Monoclonal Antibody to IL2RA

Catalogue Number	sAP-0817
Target Molecule	Name: IL2RA Aliases: CD25; IL2R; TCGFR; IDDM10 MW: 30.8kDa Entrez Gene ID: 3559
Description	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. ; ; ;
Immunogen	Purified recombinant fragment of human IL2RA (AA: 34-139) expressed in E. Coli.
Reactive Species	Human; Mouse; Monkey; Rat;
Clone	MM1B5D12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Ann Hematol. 2012 Oct;91(10):1597-602. ; 2. Transplant Proc. 2012 May;44(4):1139-42. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**