IL-2 Receptor alpha Rabbit pAb

db5752 **Package : 20μL 50μL 100μL**

Product Name : IL-2 Receptor alpha Rabbit pAb
Cat.No.: db5752
Synonyms : p55; CD25; IL2R; IMD41; TCGFR; IDDM10; IL-2Rα
Application : WB, IHC, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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 proteolyisis. 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. Patients with severe Coronavirus Disease 2019 (COVID-19), the disease caused by the novel severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), have significantly elevated levels of IL2R in their plasma. Similarly, serum IL-2R levels are found to be elevated in patients with different types of carcinomas. Certain IL2RA and IL2RB gene polymorphisms have been associated with lung cancer risk. [provided by RefSeq, Jul 2020]
Immunogen	A synthetic peptide of human IL-2 Receptor alpha
Gene ID	3559, 16184, 25704
Swiss Prot	P01589, P01590, P26897
Synonyms	p55; CD25; IL2R; IMD41; TCGFR; IDDM10; IL-2Rα
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF
Recommended dilution	WB: 1:1000 IHC: 1:200 ICC/IF: 1:200
Calculated MW	31 kDa
Observed MW	40-80 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.