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IL-2 Receptor alpha (YD19860) Rabbit mAb

货号: **AYD12839**

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	
理论分子量	31kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Molt-4,Mouse spleen,Rat thymus
细胞定位	Membrane
纯化	亲和纯化

抗原信息

抗原信息	
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靶点信息

研究背景	Enables interleukin-2 binding activity and interleukin-2 receptor activity. Acts upstream of or within several processes, including Notch signaling pathway; activation-induced cell death of T cells; and regulation of T cell proliferation. Located in external side of plasma membrane. Is expressed in bone marrow. Used to study Sjogren's syndrome and inflammatory bowel disease. Human ortholog(s) of this gene implicated in immunodeficiency 41; lymphopenia; multiple sclerosis; type 1 diabetes mellitus; and type 1 diabetes mellitus 10. Orthologous to human IL2RA (interleukin 2 receptor subunit alpha). 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. 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.
基因ID	16184
基因名	Il2ra
Swiss	P01590 (https://www.uniprot.org/uniprotkb/P01590/entry)
别名	IL-2 Receptor alpha (YD19860),IL-2 Receptor alpha (YD19860) Rabbit mAb,Il2ra,p55,Il2r

产品验证

实验步骤

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