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PD-L2 (YD35872) Rabbit mAb

货号: **AYD16591**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB FC 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	Rat spleen,Rat thymus
细胞定位	Secreted, Endomembrane system, Cell 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	Programmed Death Ligand 2 (PD-L2), also known as B7-DC and butyrophilin-like protein, is a member of the B7 family of proteins that provide signals for regulating T-cell activation and tolerance. PD-L2 is expressed on dendritic cells, subsets of activated CD4+ and CD8+ T cells, and memory B cells that differentiate into plasma cells. At inflammatory sites such as rheumatoid arthritis, allergen exposure, and virus infection, PD-L2 is up-regulated on synoviocytes, infiltrating macrophages, dendritic cells, and airway epithelial cells. PD-L2, along with B7-H1/PD-L1, binds to T cell PD-1 where it promotes IFN-gamma production and CD40 Ligand up-regulation while inhibiting IL-4 production. In addition, PD-L2 binds to RGM-B on macrophages and alveolar epithelial cells, supporting respiratory immune tolerance. In asthma, PD-L2 suppresses IL-5 and IL-13 production, promotes IL-12 production by dendritic cells, and supports allergen-induced airway hyper-responsiveness and mucus production.
基因ID	80380
基因名	PDCD1LG2
Swiss	Q9BQ51 (https://www.uniprot.org/uniprotkb/Q9BQ51/entry)
别名	PD-L2 (YD35872), PD-L2 (YD35872) Rabbit mAb, PDCD1LG2, Butyrophilin B7-DC, B7DC, CD273, PDCD1L2, PD L2

产品验证

实验步骤

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