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CD284 Mouse mAb

货号: AYT1085

产品信息

反应	
宿主	Mouse
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC/IF
推荐浓度	**WB：1：500-1：2000:** **IHC 1:100-1:300:** **IF 1:300-1:1000:**
理论分子量	96kD
实测分子量	100~130kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	THP-1
细胞定位	Cell membrane ;
纯化	亲和纯化

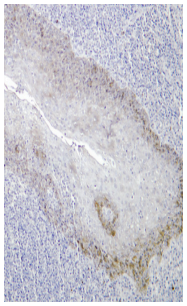
抗原信息

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靶点信息

研究背景	Disease:Genetic variation in TLR4 is associated with age-related macular degeneration type 10 (ARMD10). ARMD is a multifactorial eye disease and the most common cause of irreversible vision loss in the developed world. In most patients , the disease is manifest as ophthalmoscopically visible yellowish accumulations of protein and lipid that lie beneath the retinal pigment epithelium and within an elastin-containing structure known as Bruch membrane. ,Domain:The TIR domain mediates interaction with NOX4. ,Function:Cooperates with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) . Acts via MYD88 , TIRAP and TRAF6 , leading to NF-kappa-B activation , cytokine secretion and the inflammatory response. ,polymorphism:Allele TLR4*B (Gly-299 , Ile-399) is associated with a blunted response to inhaled LPS. ,PTM:N-glycosylated. Glycosylation of Asn-526 and Asn-575 seems to be necessary for the expression of TLR4 on the cell surface and the LPS-response. Likewise , mutants lacking two or more of the other N-glycosylation sites were deficient in interaction with LPS. ,similarity:Belongs to the Toll-like receptor family. ,similarity:Contains 1 TIR domain. ,similarity:Contains 21 LRR (leucine-rich) repeats. ,subunit:Belongs to the lipopolysaccharide (LPS) receptor , a multi-protein complex containing at least CD14 , LY96 and TLR4. Interacts with LY96 via the extracellular domain. Interacts with MYD88 and TIRAP via their respective TIR domains. Interacts with NOX4. ,tissue specificity:Highly expressed in placenta , spleen and peripheral blood leukocytes. Detected in monocytes , macrophages , dendritic cells and several types of T-cells. ,
基因ID	7099;
基因名	TLR4
Swiss	O00206 (https://www.uniprot.org/uniprotkb/O00206/entry)
别名	ARMD10; CD284; CD284 antigen; Homolog of Drosophila toll; hToll; TLR 4; TLR4; TLR4_HUMAN; TOLL; Toll like receptor 4; Toll-like receptor 4;

产品验证



Human tonsil was stained with anti-CD284 (PTR1436) Mouse antibody

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)