

产品名称: CD180 Rabbit Polyclonal Antibody
产品货号: APRab08253



产品概述 (Summary)

产品名称 (Production Name)	CD180 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD180
别名 (Alternative Names)	CD180; LY64; RP105; CD180 antigen; Lymphocyte antigen 64; Radioprotective 105 kDa protein; CD180
基因 ID (Gene ID)	4064.0
蛋白 ID (SwissProt ID)	Q99467.Synthesized peptide derived from CD180 antigen at AA range: 221-270

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	75kDa

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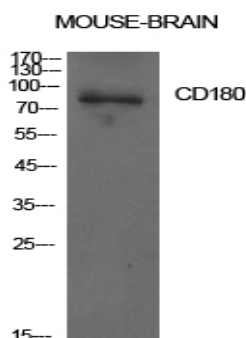


研究背景 (Background)

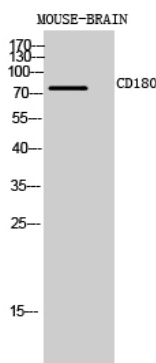
CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria. [provided by RefSeq, Jul 2008],disease:Decreased expression of LY64 has been shown in systemic lupus erythematosus (SLE). The loss of LY64 is associated with B-cell activation and increased disease activity in SLE patients.,function:May cooperate with MD-1 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS) in B-cells. Leads to NF-kappa-B activation. Also involved in the life/death decision of B-cells.,similarity:Belongs to the Toll-like receptor family.,similarity:Contains 17 LRR (leucine-rich) repeats.,subunit:Binds to MD-1.,tissue specificity:Expressed mainly on mature peripheral B cells. Detected in spleen, lymph node and appendix. Not detected in pre-B and -T cells.,

研究领域 (Research Area)

图片 (Image Data)



Western Blot analysis of mouse brain cells using CD180 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000



Western Blot analysis of MOUSE-BRAIN cells using CD180 Polyclonal Antibody diluted at 1: 1000. Secondary antibody was

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diluted at 1:20000

注意事项 (Note)

For research use only .