

CD40 ligand (19M1) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01785

Product information

产品货号	HZ-YMA01785
别名	CD40LG;CD40L;TNFSF5;TRAP;CD40 ligand;CD40-L;T-cell antigen Gp39;TNF-related activation protein;TRAP;Tumor necrosis factor ligand superfamily member 5;CD antigen CD154;[Cleaved into: CD40 ligand,membrane form;CD40 ligand,soluble form]
产品名称	CD40 ligand (19M1) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CD40LG
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	959
Human Swissprot No.	P29965
稀释度	WB 1:500-1:2000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000
参考分子量	38kDa
预测分子量	29kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	disease:Defects in CD40LG are the cause of X-linked immunodeficiency with hyper-IgM type 1 (HIGM1) [MIM:308230]; also known as X-linked hyper IgM syndrome (XHIM) . HIGM1 is an immunoglobulin isotype switch defect characterized by elevated concentrations of serum IgM and decreased amounts of all other isotypes. Affected males present at an early age (usually within the first year of life) recurrent bacterial and opportunistic infections , including Pneumocystis carinii pneumonia and intractable diarrhea due to cryptosporidium infection. Despite substitution treatment with intravenous immunoglobulin , the overall prognosis is rather poor , with a death rate of about 10% before adolescence. ,function:Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching. ,function:Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa , actin polymerization , and a matrix metalloproteinases (MMP) inhibitor-sensitive pathway. ,online information:CD40L defect database ,PTM:N-linked glycan is a mixture of high mannose and complex type. Glycan structure does not influence binding affinity to CD40. ,PTM:Not O-glycosylated. ,PTM:The soluble form derives from the membrane form by proteolytic processing. ,similarity:Belongs to the tumor necrosis factor family. ,subunit:Homotrimer. ,tissue specificity:Specifically expressed on activated CD4+ T-lymphocytes. ,
细胞定位	Cell membrane ; Single-pass type II membrane protein . Cell surface .; [CD40 ligand , soluble form]: Secreted . Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa , actin polymerization , and a matrix metalloproteinases (MMP) inhibitor-sensitive pathway. .
纯化	Recombinant Antibody expressed in animal component-free (ACF) media, purified via Protein A affinity chromatography.
Clonality	Monoclonal