

Anti-TRAP/CD40L antibody [EP462E] ab52750

重组 RabMAb

8 References 3 图像

概述

产品名称	Anti-TRAP/CD40L抗体[EP462E]
描述	兔单克隆抗体[EP462E] to TRAP/CD40L
宿主	Rabbit
特异性	This antibody reacts with TRAP/CD40L. Mouse species is recommended by WB application. We have preliminary internal testing data to indicate this antibody may not react with mouse in IHC.
经测试应用	适用于: WB 不适用于: Flow Cyt or ICC/IF
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: MOLT-4 cell lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified

克隆	单克隆
克隆编号	EP462E
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab52750于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

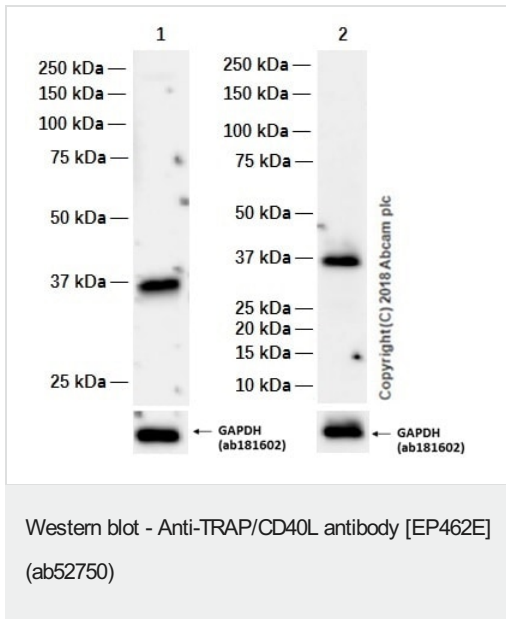
应用	Ab评论	说明
WB		1/5000. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa).

应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能	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. Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.
组织特异性	Specifically expressed on activated CD4+ T-lymphocytes.
疾病相关	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.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing. N-linked glycan is a mixture of high mannose and complex type. Glycan structure does not influence binding affinity to CD40. Not O-glycosylated.
细胞定位	Secreted and Cell membrane.

图片



All lanes : Anti-TRAP/CD40L antibody [EP462E] (ab52750) at 1 µg/ml

Lane 1 : Human lymph node tissue lysate

Lane 2 : Mouse lymph node tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/2000 dilution

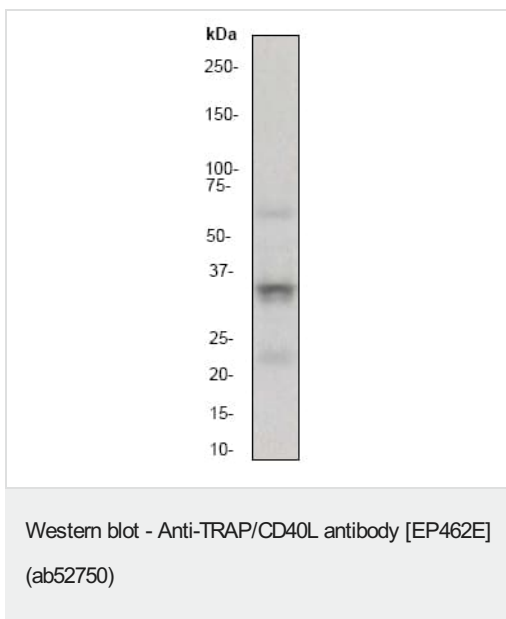
Predicted band size: 36 kDa

Observed band size: 36 kDa

Blocking and diluting buffer: 5% NFDm/TBST.

Exposure time: Lane 1: 90 seconds

Lane 2: 20 seconds



Anti-TRAP/CD40L antibody [EP462E] (ab52750) at 1/5000 dilution + MOLT-4 (human lymphoblastic leukemia cell line) cell lysate at 10 µg


Secondary

Goat anti-rabbit HRP labeled at 1/2000 dilution

Predicted band size: 36 kDa

Observed band size: 36 kDa

Why choose a recombinant antibody?



- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

Anti-TRAP/CD40L antibody [EP462E] (ab52750)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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