

## Anti-CD154/CD40L Rabbit pAb



WL02874

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-CD154/CD40L Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background**

CD154, also called CD40 ligand or CD40L, is a protein that is primarily expressed on activated T cells and is a member of the TNF superfamily of molecules. CD40 ligand is primarily expressed on activated CD4+ T lymphocytes but is also found in a soluble form. While CD40L was originally described on T lymphocytes, its expression has since been found on a wide variety of cells, including platelets, mast cells, macrophages, basophils, NK cells, B lymphocytes, as well as non-haematopoietic cells. Signals generated by CD40 vary depending on cell type and include activation of MAPK pathways as well as NF-κB.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of CD154/CD40L.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

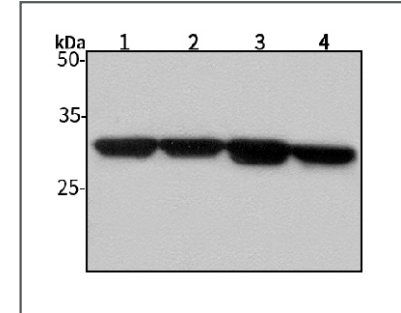
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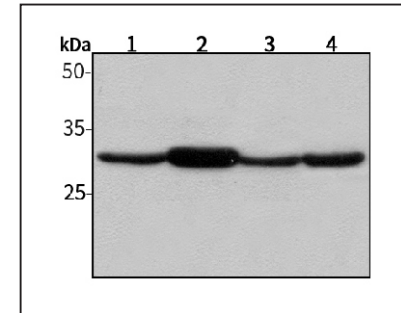
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## Product Images



Western blot-Anti-CD154/CD40L pAb

Lane 1: Human HepG2 cell lysate  
 Lane 2: Human Hela cell lysate  
 Lane 3: Human Hela cell lysate  
 Lane 4: Human MGC-803 cell lysate  
 All lanes: Anti-CD154/CD40L at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 29 kDa  
 Observed band size: 29 kDa



Western blot-Anti-CD154/CD40L pAb

Lane 1: Mouse kidney tissue lysate  
 Lane 2: Mouse heart tissue lysate  
 Lane 3: Rat liver tissue lysate  
 Lane 4: Rat brain tissue lysate  
 All lanes: Anti-CD154/CD40L at 1:500 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 29 kDa  
 Observed band size: 29 kDa