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anti-CD40 Ligand antibody (AA 33-62)



Images



Overview

Quantity:	0.4 mL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 33-62
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 33-62 from the human protein was used as the immunogen for this TRAP antibody.
Isotype:	lg Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Pig
Purification:	Purified

Target Details

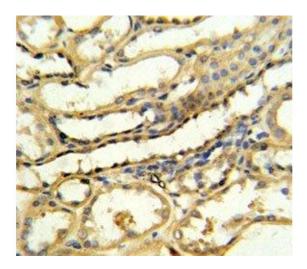
Target:	CD40 Ligand (CD40LG)
Alternative Name:	TRAP (CD40L) (CD40LG Products)

Target Details

rangerbetane	
Background:	TRAP is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in its gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.
UniProt:	P29965
Pathways:	NF-kappaB Signaling, Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints
Application Details	
Application Notes:	Titration of the TRAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the TRAP antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

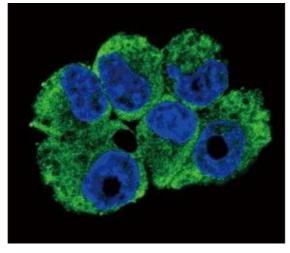
Western Blotting

Image 1. Western blot analysis of TRAP antibody and NCI-H460 lysate



Immunohistochemistry

Image 2. TRAP antibody IHC analysis in formalin fixed and paraffin embedded human kidney tissue



Immunofluorescence

Image 3. Confocal immunofluorescent analysis of TRAP antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).

Please check the product details page for more images. Overall 6 images are available for ABIN3028551.