

Datasheet for ABIN1100607
anti-CD40 Ligand antibody



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2 Images

Overview

Quantity:	50 µg
Target:	CD40 Ligand (CD40LG)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	E.coli derived recombinant Human sCD40 Ligand. Type of Immunogen: Cell extract
Isotype:	IgG
Specificity:	Human sCD40 Ligand
Purification:	Immunoaffinity purified

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40LG / CD40L / CD154 (CD40LG Products)

Target Details

Background:	Name/Gene ID: CD40LG Family: TNF Synonyms: CD40LG, CD154, CD154 antigen, CD40-L, CD40 ligand, CD40L, gp39, HIGM1, IGM, IMD3, T-BAM, TNFSF5, CD40 antigen ligand, CD54, HCD40L, T-B cell-activating molecule, T-cell antigen Gp39, TNF-related activation protein
Gene ID:	959
UniProt:	P29965
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: ELISA (0.5 - 2 µg/mL), IHC, IHC-P (5 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: Immunohistochemistry: LS-B7421 in an IHC-plus antibody, validated by our pathologists for use in IHC against formalin-fixed, paraffin-embedded human tissues (IHC validation procedure). A concentration of 5 µg/mL is recommended. ELISA: To detect hsCD40-Ligand by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.5-2 µg/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human sCD40-Ligand (LS-C104498) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hsCD40-Ligand. Western Blot: To detect hsCD40-Ligand by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hsCD40-Ligand is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

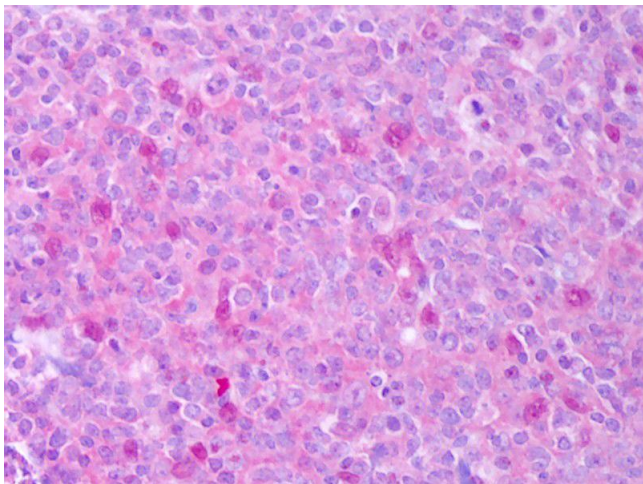
Handling

Format:	Lyophilized
Reconstitution:	Sterile water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2

Handling

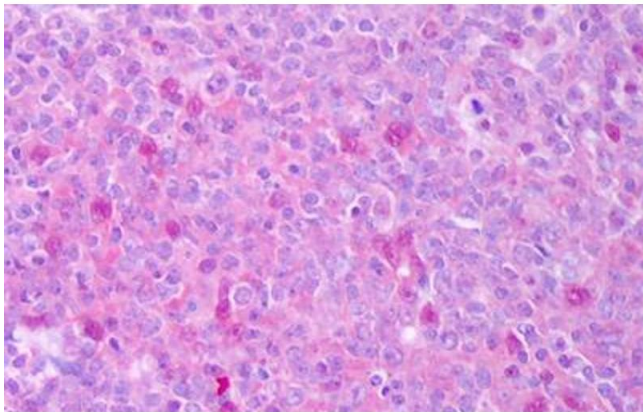
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-CD40LG / CD54 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Immunohistochemistry

Image 2. Anti-CD40LG / CD54 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1100607 concentration 5 ug/ml.