

## Rabbit anti-Human, Rat Cluster Of Differentiation 40 Ligand (CD40L) Polyclonal Antibody | anti-CD40L antibody

Polyclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA133571 | Rabbit | Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

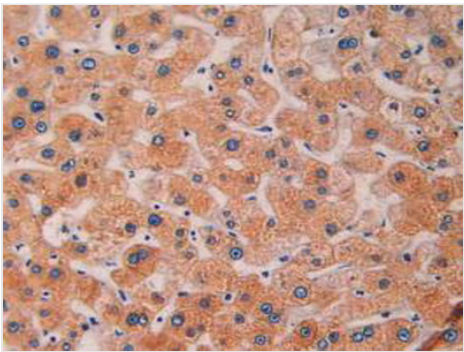
### PRODUCT SYNONYMS

Cluster Of Differentiation 40 Ligand (CD40L); Polyclonal Antibody; Polyclonal Antibody to Cluster Of Differentiation 40 Ligand (CD40L); anti-CD40L antibody

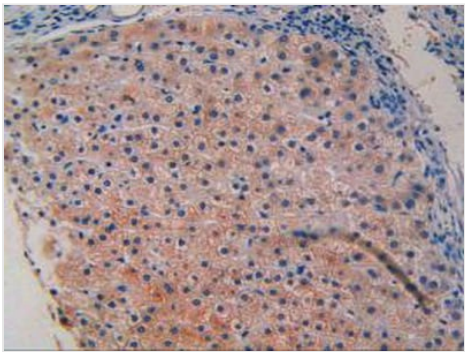
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                      | Human, Rat                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against CD40L. It has been selected for its ability to recognize CD40L in immunohistochemical staining and western blotting.                                                                                                                                                                  |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                         |
| Concentration                                   | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                          |
| Sequence                                        | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-RRLDKIED ERNLHEDFVF MKTIQRCNTG ERSLSLLNCE EIKSQFEGFV KDIMLNKEET<br>KKENSFEMQK GDQNPQIAAH VISEASSKTT SVLQWAEKGY YTMSNNLVTL ENGKQLTVKR QGLYYIIYAQV<br>TFCSNREASS QAPFIASLCL KSPGRFERIL LRAANTHSSA KPCGQQSIHL GGVFELQPGA SVFVNVTDP |
| Sequence Length                                 | 261                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-CD40L antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                                   |
| Immunogen                                       | Recombinant CD40L (Arg48~Pro244) expressed in E.coli.                                                                                                                                                                                                                                                                                             |
| Cross Reactivity                                | Human                                                                                                                                                                                                                                                                                                                                             |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                             |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                     |

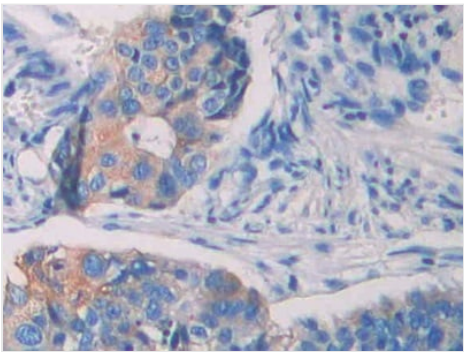
IMAGES



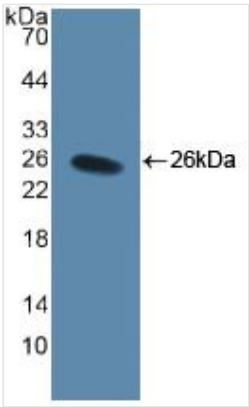
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Liver Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Liver Cancer Tissue.



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Human Lung Cancer Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant CD40L, Human.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 4557433                                                           |
| NCBI GeneID                      | 959                                                               |
| NCBI Accession #                 | NP_000065.1                                                       |
| NCBI GenBank Nucleotide #        | NM_000074.2                                                       |
| UniProt Accession #              | P29965                                                            |
| Molecular Weight                 | 29,274 Da                                                         |
| NCBI Official Full Name          | CD40 ligand                                                       |
| NCBI Official Synonym Full Names | CD40 ligand                                                       |
| NCBI Official Symbol             | CD40LG                                                            |
| NCBI Official Synonym Symbols    | IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L |
| NCBI Protein Information         | CD40 ligand                                                       |
| UniProt Protein Name             | CD40 ligand                                                       |
| UniProt Gene Name                | CD40LG                                                            |
| UniProt Synonym Gene Names       | CD40L; TNFSF5; TRAP; CD40-L; TRAP                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

