

Datasheet for ABIN6748490

anti-CD40 Ligand antibody (AA 108-157)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CD40 Ligand (CD40LG)
Binding Specificity:	AA 108-157
Reactivity:	Human, Mouse, Rat, Pig, Cow, Monkey, Sheep, Dog, Horse, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD40 Ligand antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa108-157 of human CD40LG (P29965, NP_000065). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Sheep, Dog, Bovine, Bat, Horse, Pig (100%), Elephant, Rabbit (92%), Cat (90%), Galago (84%), Mouse, Rat (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human CD40LG / CD40L
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Dog, Bovine, Pig (100%) Mouse, Rat (83%).
Purification:	Immunoaffinity purified

Target Details

Target:	CD40 Ligand (CD40LG)
Alternative Name:	CD40LG / CD40L / CD154 (CD40LG Products)
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
NCBI Accession:	NP_000065
UniProt:	P29965
Pathways:	NF-kappaB Signaling , Production of Molecular Mediator of Immune Response , Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

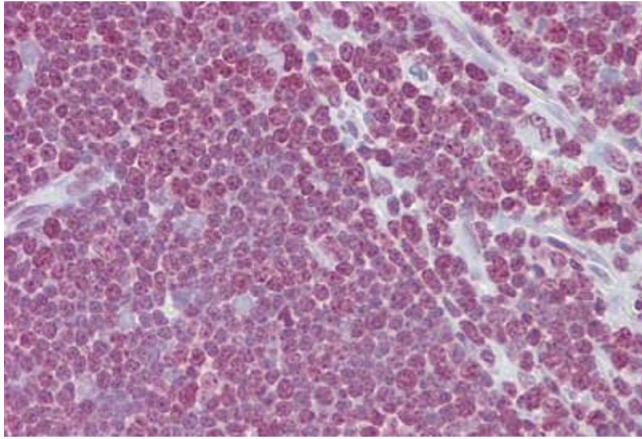
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long

Handling

term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-CD40LG / CD54 antibody IHC staining of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN958960 concentration 5 ug/ml.