

Datasheet for ABIN2618576

**anti-CD40 Ligand antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                                                                                                              |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 50 µg                                                                                                                                        |
| Target:              | CD40 Ligand (CD40LG)                                                                                                                         |
| Binding Specificity: | N-Term                                                                                                                                       |
| Reactivity:          | Human, Mouse, Rat                                                                                                                            |
| Host:                | Rabbit                                                                                                                                       |
| Clonality:           | Polyclonal                                                                                                                                   |
| Conjugate:           | This CD40 Ligand antibody is un-conjugated                                                                                                   |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                             |                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand:                      | IHC-plus™                                                                                                                                                                                                                      |
| Immunogen:                  | Synthetic peptide corresponding to a sequence at the N-terminal of human CD40L, different from the relative mouse sequence by three amino acids, rat sequence by four amino acids.<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:                | Human, mouse, rat. No cross reactivity with other proteins.                                                                                                                                                                    |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                                                                                                                                       |
| Purification:               | Immunoaffinity purified                                                                                                                                                                                                        |

## Target Details

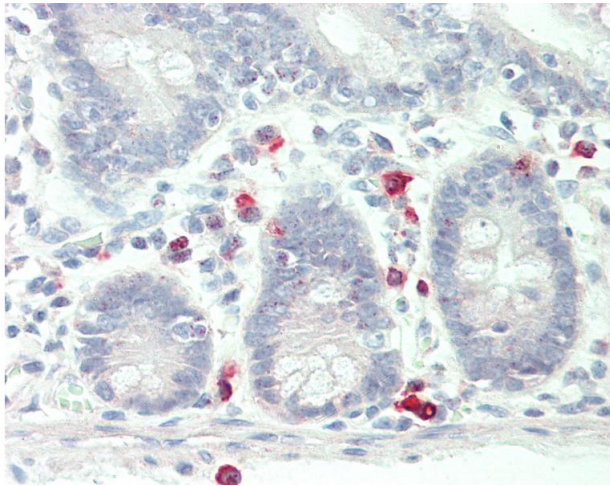
|                   |                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD40 Ligand (CD40LG)                                                                                                                                                                                                                                                       |
| Alternative Name: | CD40L ( <a href="#">CD40LG Products</a> )                                                                                                                                                                                                                                  |
| Background:       | Name/Gene ID: CD40LG<br>Family: TNF<br><br>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                                                                                                                                                                                                                                                                        |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Cancer Immune Checkpoints</a>                                                                                                                      |

## Application Details

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Application Notes: | Approved: ICC (1 µg/mL), IHC, IHC-P (5 µg/mL), WB (1 µg/mL) |
| Comment:           | Target Species of Antibody: Human                           |
| Restrictions:      | For Research Use only                                       |

## Handling

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                             |
| Concentration:     | Lot specific                                                                                                                                       |
| Buffer:            | 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg Thimerosal, 0.05 mg sodium azide                                                |
| Preservative:      | Sodium azide, Thimerosal (Merthiolate)                                                                                                             |
| Precaution of Use: | This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                                                        |
| Storage Comment:   | Short term: 4°C<br>Long term: -20°C.                                                                                                               |



#### Immunohistochemistry

**Image 1.** Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)