

Datasheet for ABIN652211

**anti-CD40 Ligand antibody (C-Term)**[Go to Product page](#)**3** Images

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 400 µL                                                                                                    |
| Target:              | CD40 Ligand (CD40LG)                                                                                      |
| Binding Specificity: | AA 181-207, C-Term                                                                                        |
| Reactivity:          | Human                                                                                                     |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This CD40 Ligand antibody is un-conjugated                                                                |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                                                      |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | This TRAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-207 amino acids from the C-terminal region of human TRAP. |
| Clone:        | RB19151                                                                                                                                                              |
| Isotype:      | Ig Fraction                                                                                                                                                          |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.                                                        |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | CD40 Ligand (CD40LG)                     |
| Alternative Name: | TRAP ( <a href="#">CD40LG Products</a> ) |

## Target Details

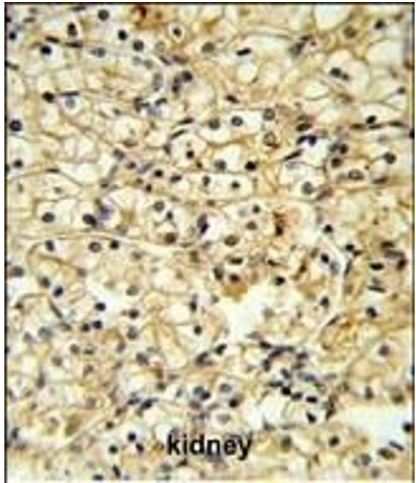
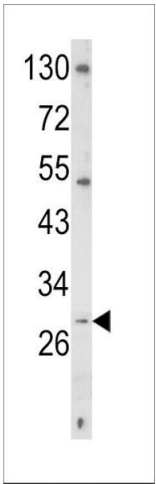
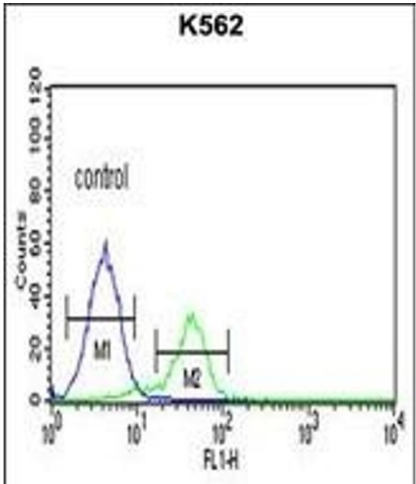
|                   |                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| Molecular Weight: | 29274                                                                                                                                                                                                                                            |
| Gene ID:          | 959                                                                                                                                                                                                                                              |
| NCBI Accession:   | <a href="#">NP_000065</a>                                                                                                                                                                                                                        |
| UniProt:          | <a href="#">P29965</a>                                                                                                                                                                                                                           |
| 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: | WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50 |
| Restrictions:      | For Research Use only                    |

## Handling

|                    |                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                     |
| Buffer:            | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:           | 4 °C,-20 °C                                                                                                                                |
| Storage Comment:   | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date:       | 6 months                                                                                                                                   |



### Flow Cytometry

**Image 1.** TR Antibody (C-term) 6545b flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of TR Antibody (C-term) 6545b in K562 cell line lysates (35 µg/lane). TR (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** TR Antibody (C-term) 6545b IHC analysis in formalin fixed and paraffin embedded kidney carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TR Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.