

## Rabbit CD27 Polyclonal Antibody | anti-CD27 antibody

CD27 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA307871 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunohistochemistry, Western Blot |

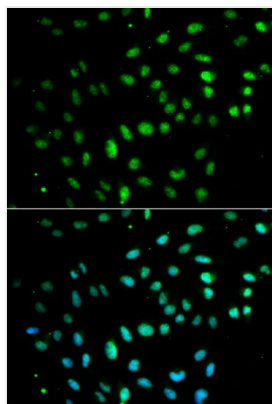
### PRODUCT SYNONYMS

CD27; Polyclonal Antibody; CD27 Antibody; MGC20393; S152; T14; TNFRSF7; Tp55; anti-CD27 antibody

### PRODUCT SPECIFICATIONS

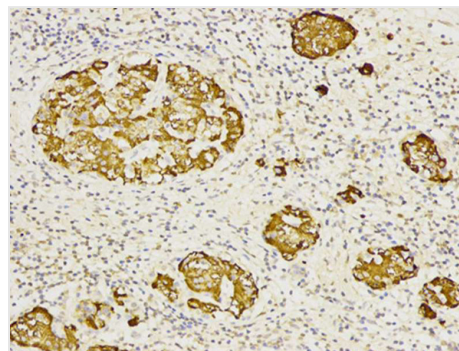
|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | The antibody detects endogenous level of total CD27 protein.                                                                        |
| Purity/Purification                            | Antibodies were purified by affinity purification using immunogen.                                                                  |
| Form/Format                                    | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                  | 1.0 mg/ml (varies by lot)                                                                                                           |
| Sequence Length                                | 260                                                                                                                                 |
| Applicable Applications for anti-CD27 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                              |
| Immunogen Type                                 | Recombinant Protein                                                                                                                 |
| Immunogen Description                          | Recombinant protein of human CD27.                                                                                                  |
| Target Name                                    | CD27                                                                                                                                |
| Preparation and Storage                        | Store at -20 degree C                                                                                                               |

### IMAGES



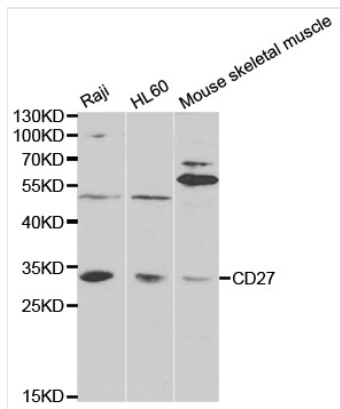
#### IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using CD27 antibody. Blue: DAPI for nuclear staining.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast cancer using CD27 antibody at dilution of 1:500 (200x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CD27 antibody.

## ADDITIONAL INFORMATION

#### Related Product Information for anti-CD27 antibody

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

#### Product Categories/Family for anti-CD27 antibody

Total protein Ab

## NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4507587                               |
| NCBI GeneID                      | 939                                   |
| NCBI Accession #                 | NP_001233.1                           |
| NCBI GenBank Nucleotide #        | NM_001242.4                           |
| UniProt Accession #              | P26842; B2RDZ0                        |
| Molecular Weight                 | 29,137 Da                             |
| NCBI Official Full Name          | CD27 antigen                          |
| NCBI Official Synonym Full Names | CD27 molecule                         |
| NCBI Official Symbol             | CD27                                  |
| NCBI Official Synonym Symbols    | T14; S152; Tp55; TNFRSF7; S152. LPFS2 |
| NCBI Protein Information         | CD27 antigen                          |
| UniProt Protein Name             | CD27 antigen                          |
| UniProt Gene Name                | <b>CD27</b>                           |
| UniProt Synonym Gene Names       | TNFRSF7                               |
| UniProt Entry Name               | CD27_HUMAN                            |

**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.