

Product datasheet for **AM31861PU-N**

Cd27 Hamster Monoclonal Antibody [Clone ID: LG.3A10]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | LG.3A10 |
| Applications: | FC, FN, IHC |
| Recommended Dilution: | ELISA: In combination with LG.8A6, it is possible to develop a double determinant ELISA to detect soluble Mouse CD27. Flow Cytometry: Functional Studies (stimulating). Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: This clone (LG.3A10) has been reported to work on Paraffin tissue sections. |
| Reactivity: | Mouse |
| Host: | Hamster |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | MCD27 tag expressing clones AR0524 and AR0530 from Armenian Hamster spleen. Fusion Partner: SP2/0 Murine Myeloma Partner. |
| Specificity: | Recognizes Mouse CD27 receptor. |
| Formulation: | PBS containing 0.02% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction from Ascites |
| Concentration: | lot specific |
| Purification: | Protein G Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | Mus musculus CD27 antigen (Cd27), transcript variant 1 |



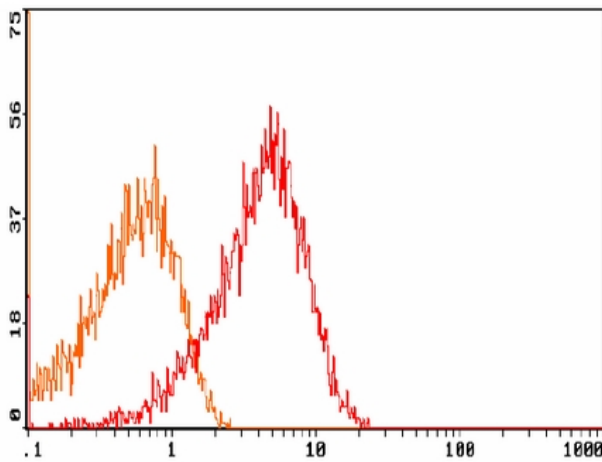
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Database Link: [Entrez Gene 21940 Mouse P41272](#)

Background: CD27 is part of the Tumor Necrosis Factor (TNF) family of receptors and is lymphocyte specific. Murine CD27 is expressed on the great majority of both T lymphocytes, on a small population of peripheral B cells and on a very small subset of B220+ cells in the bone marrow. Murine CD27 is found on all thymocytes except a subset of CD4-CD8- precursors. There are two known basic functions of CD27 signaling. First, the binding of CD27 to CD70, a protein which is also expressed in T and B cells, provides costimulatory signals in lymphocyte proliferation and immunoglobulin production. Second, the association of CD27 with intracellular Siva, a proapoptotic protein, results in the induction of apoptotic events.

Synonyms: TNFRSF7, CD27L receptor, T14

Product images:



Flow Cytometry: Balb/c Thymocytes labelled with [AM31861RP-N] including isotypic control.
Percentage of cells stained above control: 90%