

Product datasheet for **TA320252**

CD27 Hamster Monoclonal Antibody [Clone ID: LG.7F9]

Product data:

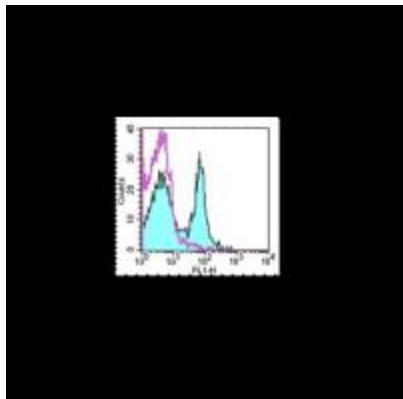
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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | LG.7F9 |
| Applications: | FC |
| Recommended Dilution: | Flow, Functional Assay, IP |
| Reactivity: | Human, Mouse, Rat |
| Host: | Hamster |
| Clonality: | Monoclonal |
| Formulation: | Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer |
| Concentration: | lot specific |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | CD27 molecule |
| Database Link: | NP_001233 Entrez Gene 21940 Mouse Entrez Gene 500318 Rat Entrez Gene 939 Human P26842 |

Background: The LG.7F9 monoclonal antibody reacts with mouse CD27, a lymphocyte-specific member of the TNFR superfamily. CD27 is expressed by virtually all mature T cells and by a subpopulation of B cells, mainly memory B cells. In mouse, CD27 has been found on nearly all thymocytes excluding a population of CD46-CD8- precursors. CD27 binds to CD70 and, through this interaction, plays an important role in T cell-B cell interaction. It has been reported that triggering CD27 plays an important role in the maturation of CD4+ and CD8+ effector cells. LG.7F9 cross-reacts with human and rat CD27.

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|--------------------------|--|
| Synonyms: | S152; S152.LPFS2; T14; TNFRSF7; Tp55 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Cytokine-cytokine receptor interaction |



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Product images:

Staining of mouse splenocytes with 0.25 ug Hamster IgG Isotype Control Purified (open histogram) or 0.25 ug Anti-CD27 Purified (filled histogram) followed by Anti-Armenian Hamster IgG FITC. Total viable cells were used for analysis.