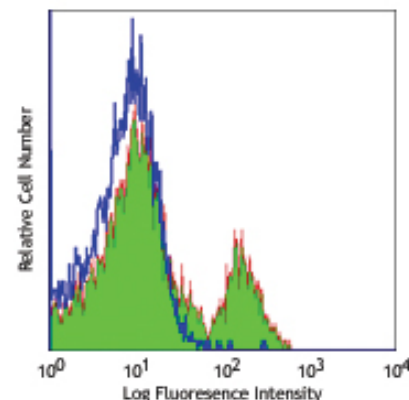


Product Data Sheet

Purified anti-mouse/rat/human CD27

Catalog # / Size: 124202 / 500 µg
Clone: LG.3A10
Isotype: Armenian Hamster IgG
Immunogen: Armenian hamster fibroblast line ARHO12 transfected with mouse CD27 cDNA
Reactivity: Mouse, Rat, Human
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5 mg/ml
Storage: The antibody solution should be stored undiluted at 4°C."



C57BL/6 mouse splenocytes stained with purified LG.3A10, followed by anti-Armenian hamster IgG FITC

Applications:

Applications: FC - *Quality tested*
 IP, IHC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References:

1. Gravestein LA, *et al.* 1995. *Int. Immunol.* 7:551
2. Gravestein LA, *et al.* 1996. *J. Exp. Med.* 184:675
3. Takeda K, *et al.* 2000. *J. Immunol.* 164:1741
4. Welner RS, *et al.* 2009. *J. Immunol.* 183:7768. PubMed

Description: CD27 is also known as S152 and T14. A member of the tumor necrosis factor receptor (TNFR) superfamily, it is a 45 kD protein expressed on peripheral T cells, memory B cells, NK cells, and thymocyte subset. Through its ligand, CD70, CD27 plays a key role in T cell and B cell interactions. Additionally, ligation of CD27 on naïve T cells may be important in their maturation to effector cells.

Antigen References:

1. Hintzen RQ, *et al.* 1994. *Immunol. Today* 15:307.
2. Akiba H, *et al.* 1998. *J. Biol. Chem.* 273:13353.
3. Kobata T, *et al.* 1995. *P. Natl. Acad. Sci. USA* 92:11249.
4. Hendriks J, *et al.* 2000. *Nat. Immunol.* 1:433
5. Hintzen RQ, *et al.* 1994. *Int. Immunol.* 6:477
6. Camerini D, *et al.* 1991. *J. Immunol.* 147:3165

Related Products:

Product
 Biotin Goat anti-hamster (Armenian) IgG
 FITC Goat anti-hamster (Armenian) IgG
 Cell Staining Buffer
 RBC Lysis Buffer (10X)
 Purified Armenian Hamster IgG Isotype Ctrl

Clone
 Poly4055
 Poly4055

HTK888

Application

FC, ELISA, ICFC, IHC, IF, WB
 FC, ICFC
 FC, ICC, ICFC
 FC, ICFC
 FC, ICC, ICFC, IF, IP, WB



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