

PE Anti-Mouse CD27 Antibody[LG.3A10]

Catalog Number: AN00322D

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Mouse
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone No.	LG.3A10
Isotype Control	PE Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852D]
Conjugation	PE
Conjugation Information	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

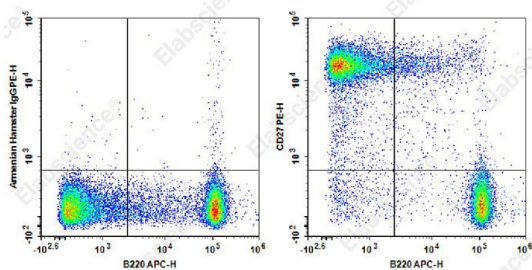
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse B220 Antibody and PE Anti-Mouse CD27 Antibody[LG.3A10] (right) or PE Armenian Hamster IgG Isotype Control (left). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	T14;S152;Tp55;TNFRSF7
Uniprot ID	P41272

For Research Use Only

Gene ID

21940

Background

CD27 is also known as S152 and T14. A member of the tumor necrosis factor receptor (TNFR) superfamily, CD27 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.