

## AF/LE Purified Anti-Mouse CD27 Antibody[LG.3A10]

catalog number: **AN003220**

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

### Description

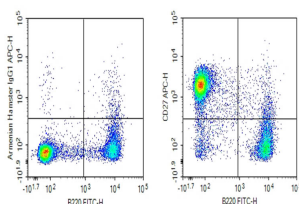
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD27 protein
<b>Host</b>	Armenian Hamster
<b>Isotype</b>	Armenian Hamster IgG1, $\kappa$
<b>Clone</b>	LG.3A10
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

### Recommended Dilution

<b>FCM</b>	2 $\mu\text{g}/\text{mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
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### Data



C57/BL6 Mouse splenocytes cell were stained with 0.2  $\mu\text{g}$  AF/LE Purified Anti-Mouse CD27 Antibody[LG.3A10](Right) and 0.2  $\mu\text{g}$  Armenian Hamster IgG1,  $\kappa$  Isotype Control (Left), followed by APC-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody, then anti-Mouse B220 FITC-conjugated Monoclonal Antibody.

### Preparation & Storage

**Storage** Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

**Shipping** Ice bag

### Background

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.

### For Research Use Only