Anti-Human/Mouse CD27 SAFIRE Purified

Catalogue Number: 09321-25


**Product Information**

- **Clone:** LG.3A10
- **Format/Conjugate:** SAFIRE Purified
- **Concentration:** 1 mg/mL
- **Reactivity:** Human, Mouse, Rat
- **Laser:** Not Applicable
- **Peak Emission:** Not Applicable
- **Peak Excitation:** Not Applicable
- **Filter:** Not Applicable
- **Brightness (1=dim, 5= brightest):** Not Applicable
- **Isotype:** Armenian Hamster IgG
- **Formulation:** Phosphate-buffered aqueous solution, pH 7.2.
- **Storage:** Product should be kept at 2-8°C.
- **Applications:** FC, FA

**Description**

The LG.3A10 monoclonal antibody binds to CD27, a 45kDa molecule in the Tumor Necrosis Factor Receptor (TNFR) superfamily. It is expressed on memory B cells, NK cells, mature T cells, and a subset of thymocytes. CD27 is involved in the interactions between B and T cells through its ligand CD70. The LG.3A10 antibody is cross-reactive with human, mouse, and rat CD27.

**Preparation & Storage**

The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

**Application Notes**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

**References**