

## Datasheet

### CD27 monoclonal antibody, clone CLB-27

**Catalog Number:** MAB5255

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native CD27.

**Clone Name:** CLB-27

**Immunogen:** Native purified CD27 from human E-rosette positive lymphocytes.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IF  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** The monoclonal antibody is directed against the CD27 antigen, a 55 kD protein, which is expressed on a large subpopulation (75%) of peripheral blood T-lymphocytes and most medullary thymocytes. Little binding was observed with normal human B-cells, CD3 negative leukemic cells, B-cells derived and myeloid leukemias.

**Form:** Liquid

**Isotype:** IgG2a

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 20 mM Tris, 150 mM NaCl, pH 8.0 (10 mg BSA, 0.001% thimerosal)

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 939

**Gene Symbol:** CD27

**Gene Alias:** MGC20393, S152, T14, TNFRSF7, Tp55

**Gene Summary:** The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq]