

# CD27 monoclonal antibody, clone LT27 (PerCP-Cyanine5.5)

Catalog # MAB13862      Size 100 Reactions

## Specification

Product Description	Mouse monoclonal antibody raised against native human CD27.
Immunogen	Native purified CD27 from human peripheral blood lymphocytes.
Host	Mouse
Theoretical MW (kDa)	50-55
Reactivity	Human
Form	Liquid
Conjugation	PerCP-Cyanine5.5
Purification	Protein A/G purification
Purity	>90%
Isotype	IgG2a
Recommend Usage	Flow Cytometry (5 $\mu$ L/10 <sup>6</sup> cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (protein stabilizer, 0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

## Gene Info — CD27

Entrez GeneID	<a href="#">939</a>
Protein Accession#	<a href="#">P26842</a>
Gene Name	CD27
Gene Alias	MGC20393, S152, T14, TNFRSF7, Tp55
Gene Description	CD27 molecule
Omim ID	<a href="#">186711</a>
Gene Ontology	<a href="#">Hyperlink</a>
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 (SVA), 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]
Other Designations	CD27 antigen CD27L receptor T cell activation antigen CD27 T cell activation antigen S152 tumor necrosis factor receptor superfamily, member 7

## Pathway

- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Kidney Failure](#)
- [Multiple Myeloma](#)

- [Occupational Diseases](#)