

CD27 Rabbit mAb
Catalog # AP75218**Specification**

CD27 Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	P26842
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	29137

CD27 Rabbit mAb - Additional Information**Gene ID** 939**Other Names**
CD27**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
ICC~~N/A**Format**
Liquid**CD27 Rabbit mAb - Protein Information****Name** CD27 ([HGNC:11922](#))**Function**

Costimulatory immune-checkpoint receptor expressed at the surface of T-cells, NK-cells and B-cells which binds to and is activated by its ligand CD70/CD27L expressed by B-cells (PubMed:28011863). The CD70-CD27 signaling pathway mediates antigen- specific T-cell activation and expansion which in turn provides immune surveillance of B-cells (PubMed:28011863). Mechanistically, CD70 ligation activates the TRAF2-PTPN6 axis that subsequently inhibits LCK phosphorylation to promote phenotypic and transcriptional adaptations of T-cell memory (PubMed:38354704). In addition, activation by CD70 on early progenitor cells provides a negative feedback signal to leukocyte differentiation during immune activation and thus modulates hematopoiesis (By similarity). Negatively regulates the function of Th2 lymphocytes in the adipose tissue (By similarity).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Found in most T-lymphocytes.

CD27 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD27 Rabbit mAb - Images