

CD27 Rabbit mAb

Catalog # AP78105

Product Information

Application	WB, FC, ICC
Primary Accession	P26842
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	29137

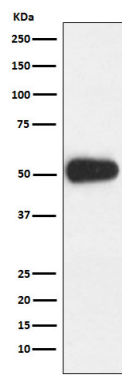
Additional Information

Gene ID	939
Other Names	CD27
Dilution	WB~~1/500-1/1000 FC~~1:10~50 ICC~~N/A
Format	Liquid

Protein Information

Name	CD27 (HGNC:11922)
Function	<p>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).</p>
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Found in most T-lymphocytes.

Images



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