

CD27 Rabbit mAb

Catalog # AP75218

Product Information

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

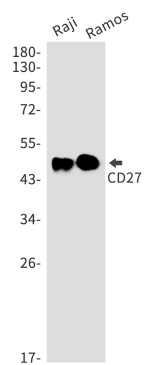
Additional Information

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

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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