

CD229 Rabbit mAb
Catalog # AP76428**Specification**

CD229 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q9HBG7
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	72139

CD229 Rabbit mAb - Additional Information**Gene ID** 4063**Other Names**
LY9**Dilution**
WB~~1/500-1/1000**Format**
Liquid**CD229 Rabbit mAb - Protein Information****Name** LY9**Function**

Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction. Promotes T-cell differentiation into a helper T-cell Th17 phenotype leading to increased IL-17 secretion; the costimulatory activity requires SH2D1A (PubMed:22184727). Promotes recruitment of RORC to the IL-17 promoter (PubMed:22989874). May be involved in the maintenance of peripheral cell tolerance by serving as a negative regulator of the immune response. May disable autoantibody responses and inhibit IFN-gamma secretion by CD4(+) T-cells. May negatively regulate the size of thymic innate CD8(+) T-cells and the development of invariant natural killer T (iNKT) cells (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein. Cell membrane

Tissue Location

Increased surface expression on T-cells of systemic lupus erythematosus (SLE) patients.

CD229 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](#)

CD229 Rabbit mAb - Images