

30-1430: Anti-CD229 / Ly9 Monoclonal Antibody (Clone:HLy9.25)

Clonality :	Monoclonal
Clone Name :	HLy9.25
Application :	FACS, IP, WB, ICC, Functional Assay
Reactivity :	Human
Gene :	LY9
Gene ID :	4063
Uniprot ID :	Q9HBG7
Format :	Purified
Alternative Name :	LY9,CDABP0070
Isotype :	Mouse IgG1
Immunogen Information :	CD299-transfected 300.19 pre-B cell line

Description

CD229 (Ly9) is a cell surface receptor of the CD150 family, which includes also e.g. CD48 and CD224. Receptors of this family regulate cytokine production and cytotoxicity of lymphocytes and NK cells. High levels of CD229 are found on T and B cells, where its expression increases during their maturation. It is absent on granulocytes, bone marrow-derived dendritic cells, platelets and erythrocytes. CD229 has been also reported on mouse monocytes and NK cells. CD229 interacts homophilically through its N-terminal domain and localizes to the contact site between T cells and antigen presenting B cells during antigen-dependent immune synapse formation.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 6 Åµg/ml

Positive control: peripheral blood lymphocytes

Immunoprecipitation Western Blotting Immunocytochemistry Functional Application Regulation of activation