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30-2290: Anti-CD229 / Ly9 Monoclonal Antibody (Clone:HLy9.25)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	HLy9.25
Application :	FACS, IP, WB, ICC, Functional Assay
Reactivity :	Human
Conjugate :	PE
Gene :	LY9
Gene ID :	4063
Uniprot ID :	Q9HBG7
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 :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

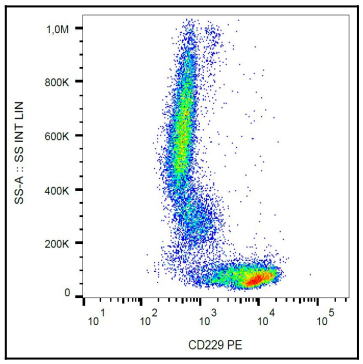


Figure 1: Surface staining of human peripheral blood cells with anti-human CD229 (HLy9.25) PE.

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