

Mouse anti-CD229, clone HLy 9.1.25, R-PE (Monoclonal)

Clone no. Hly 9.1.25

MONOSAN

Product name	Mouse anti-CD229, clone HLy 9.1.25, R-PE (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human
Conjugate	PE
Immunogen	CD299-transfected 300.19 pre-B cell line
Isotype	IgG1
Clonality	Monoclonal
Clone number	Hly 9.1.25
Size	100 tests
Concentration	n/a
Format	liquid
Storage buffer	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

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.

References

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