Product datasheet MON4085

Mouse anti-CD229, clone HLy 9.1.25 (Monoclonal)

Clone no. HLy9.1.25

MONOSAN

Product name	Mouse anti-CD229, clone HLy 9.1.25 (Monoclonal)
Host	Mouse
Applications	IP,FC
Species reactivity	human
Conjugate	Purified
Immunogen	Mouse pre-B cell line 300.19 transfected with CD229 cDNA.
Isotype	IgG1
Clonality	Monoclonal
Clone number	HLy9.1.25
Size	0.2 mg
Concentration	1.0 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide
Storage until expiry date	2-8°C

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Additional info

Mouse anti Human CD229 antibody, clone HLy9.1.25 recognizes the human cell surface antigen CD229 also known as T-lymphocyte surface antigen Ly-9 or SLAM family member 3. CD229 is a 608 amino acid single pass type I transmembrane glycoprotein of ~120 kDa as evaluated by immunoprecipitation of cells transfected with the full length human CD229 cDNA. However immunoprecipitation of CD229 from Daudi cell lysates with dlone HLy9.1.25 yields bands of 120 kDa corresponding to the full length CD229 and a ~100 kDa band attributed to an alternatively spliced isoform lacking the fourth Ig-like domain (de la Fuente et al. 2001).Human CD299 is expressed on thymocytes, T-cells and B-cells (Del Valle et al. 2003). CD229 has also been described as a tumor associated antigen in chronic lymphocytic leukemia (Bund et al. 2006) and has been implicated in the development of spontaneous autoantibody production to nuclear antigens in mice and is potentially a target for the treatment of autoimmunity (de Salort et al. 2013).

References

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