

Product datasheet for **SM1229P**

KIR2DL3 Mouse Monoclonal Antibody [Clone ID: GL183]

Product data:

Product Type:	Primary Antibodies
Clone Name:	GL183
Applications:	FC, IP, WB
Recommended Dilution:	Flow cytometry: 1/10 - 1/50; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Immunoprecipitation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	NK cell clone E57. Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3U1 myeloma cell line.
Specificity:	This antibody recognises the CD158b cell surface antigen. This antibody also recognises a 50kD molecule, which is highly homologous to p58.2 in the extracellular domain, but has a shorter cytoplasmic tail.
Formulation:	PBS containing 0.09% Sodium Azide and 0.1% Bovine Serum Albumin State: Purified State: Liquid purified IgG
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	killer cell immunoglobulin like receptor, two Ig domains and long cytoplasmic tail 3
Database Link:	Entrez Gene 3804 Human P43628



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Background:

CD158b is a 58kD glycoprotein expressed by a subset of NK cells (also known as p58.2 antigen). The antigen is a members of the newly described natural killer cell receptor family. CD158b functions as a receptor specific for HLA Class I molecules, including Cw3 and related HLA-C alleles. This antibody can restore the lysis by human NK clones of otherwise lysis protected targets expressing Cw3.

Synonyms:

KIRCL23