

Mouse anti-CD158b, clone GL183 (Monoclonal)

Clone no. GL183

MONOSAN

Product name Mouse anti-CD158b, clone GL183 (Monoclonal)

Host Mouse

Applications FC,IP

Species reactivity human

Conjugate Purified

Immunogen NK cell clone E57

Isotype IgG1

Clonality Monoclonal

Clone number GL183

Size 0.2 mg

Concentration 1.0 mg/ml

Format -

Storage buffer PBS

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human CD158b antibody, clone GL183 recognizes human Killer cell immunoglobulin-like receptor 2DL3, also known as CD158b, KIR-023GB, MHC class I NK cell receptor, p58 natural killer cell receptor clone CL-6 or Natural killer-associated transcript 2. CD158b is a 341 amino acid, 58 kDa single pass type-1 transmembrane glycoprotein containing two Ig-like C2-type domains. expressed by a subset of NK cells. This antibody also recognizes a 50 kDa molecule in some NK clones, which is highly homologous to p58.2 in the extracellular domain, but has a shorter cytoplasmic tail (Moretta et al. 1985). Both molecules are 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. Mouse anti Human CD158b antibody, clone GL183 can restore the lysis by human NK clones of otherwise lysis protected targets expressing Cw3.

References

1. -
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3. -
4. -
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