Anti-Human CD158e1/NKB1-167Er

Catalog: 3167013B
Clone: DX9
Package Size: 100 tests
Isotype: IgG1
Storage: Store product at 4°C. Do not freeze.
Reactivity: Human,

Technical Information

Validation: Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

Recommended Usage: The suggested use is 1 µl for up to 3 X 10^6 live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

Description

The DX9 monoclonal antibody specifically binds to CD158e1, also known as NKB1. CD158e1 is a 70 kDa member of the immunoglobulin superfamily that is expressed on a subset of natural killer cells and T cells. CD158e1 functions as a killer cell inhibitory receptor (KIR) and is encoded by KIR3DL1 (Killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail). Interaction of CD158e1 with specific HLA-B antigen on a target cell has been reported to inhibit cell-mediated cytotoxicity by delivering a negative signal that limits lymphocyte activation. It is suggested that this MHC class I-KIR interaction acts to regulate NK and T-cell responses to antigenic challenge.

References


For technical support visit fluidigm.com/support

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