

PE anti-human CD158agh

Catalog No.	Size
FHP158agh-01-025	25 Tests
FHP158agh-01-100	100 Tests
Clone:	4AHP-MA4
Isotype:	Mouse IgG2b, κ
Other Name	KIR2DL1, NKAT, KIR2DS1, KIR2DS3, NKAT7, KIR2DS5, NKAT9, CD158g, CD158h, CD158a
Storage Buffer:	Phosphate-buffered solution, pH 7.2-7.4, containing 0.1% Proclin 300 and 0.2%BSA
Applications:	FC
Vol.per.Test:	5 μ l/test
Excitation Laser	Blue 488 nm,Green 532 nm,Yellow/Green 561 nm
Ex/Em Max	565nm/578nm
Reactivity:	human
Storage Condition:	Store at 4° C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Description:

CD158, also known as KIRs (Killer Cell Immunoglobulin Like Receptors), are a transmembrane protein family classified based on the number of extracellular immunoglobulin domains (2D or 3D) and whether they have long (L) or short (S) cytoplasmic domains. Having two (KIR2D) or three (KIR3D) Ig like extracellular domains.

CD158 is mainly expressed on NK cell subsets and a small number of CD8+T cells. HLA-C is a ligand for CD158h.

Mouse monoclonal antibody 4AHP-MA4 recognizes the extracellular epitopes of CD158 isoforms KIR2DL1 (CD158a), KIR2DS5 (CD158g), KIR2 DS1 (CD158 h), and KIR2DS3. It does not recognize CD158b1, d, f, i, j subtypes.

Related Protocol:

Cell Surface Flow Cytometry Staining Protocol

Related Products:

Cat NO	Name
FXP055-100	Sample preservation buffer
FXP001-100	RBC Lysing Buffer (10x)
FXP005	Cell Staining Buffer
FXP064-200	Human Fc Receptor Blocking Solution
FMCP003-01-100	PE mouse IgG2b Isotype Control

REFERENCES:

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- 4.Chevrier S, et al. 2018. Cell Syst. 0.675.
- 5.Kim MH, et al. 2018. Cancer Immunol Res. 0.427083333.
- 6.Muthumani K, et al. 2012. J Immunol. 187:2932.
- 7.Hobo W, et al. 2010. Blood 25:4501. (FC)
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