abcam

ab328571

Alexa Fluor® 488 Anti-KIR2DL5/CD158f antibody [UP-R1]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	Alexa Fluor® 488
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human KIR2DL5A. Database link Q8N109
Clone number	UP-R1
Purification technique	Size-exclusion chromatography
Specificity	The mouse monoclonal antibody UP-R1 recognizes an extracellular epitope on CD158f (KIR2DL5), a 60 kDa glycoprotein serving as a HLA class I ligand, and mainly expressed on a subset of NK cells and a small population of T cells. Its expression is highly polymorphic between individuals.
Light chain type	kappa

Reactivity data

Flow Cyt

Tested

Species	Transfected cell line - Human
Dilution info	-
Notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

Predicted

Species	Human
Dilution info	-
Notes	-

Target data

See full target information KIR2DL5A

Function	Receptor on natural killer (NK) cells for HLA-C alleles. Inhibits the activity of NK cells thus preventing cell lysis.

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze

Notes

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Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

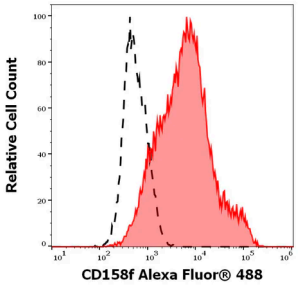
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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1 product image



Flow Cytometry - Alexa Fluor® 488 Anti-KIR2DL5/CD158f antibody [UP-R1] (ab328571)

KIR2DL5/CD158f Flow Cytometry staining of KIR2DL5A transfected HEK-293 cell suspension using mouse Anti-KIR2DL5/CD158f antibody

Separation of cells stained using anti-human CD158f (UP-R1) Alexa Fluor® 488 antibody (concentration in sample 1 µg/ml, red-filled) from cells using mouse IgG1 isotype control (MOPC-21) Alexa Fluor® 488 antibody (concentration in sample 1 µg/ml, same as CD158f Alexa Fluor® 488 concentration, black-dashed) in flow cytometry analysis (surface staining) od KIR2DL5A transfected HEK-293 cell suspension.

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