abcam

ab328572

APC Anti-KIR2DL5/CD158f antibody [UP-R1]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	APC
Excitation/Emission	Ex: 650nm, Em: 660nm
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 10 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (1 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

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.

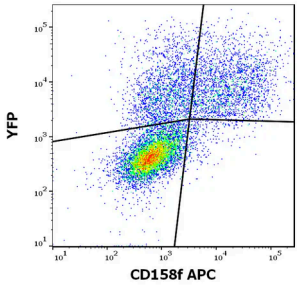
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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

Full details and terms and conditions can be found here:
Terms & Conditions.

---

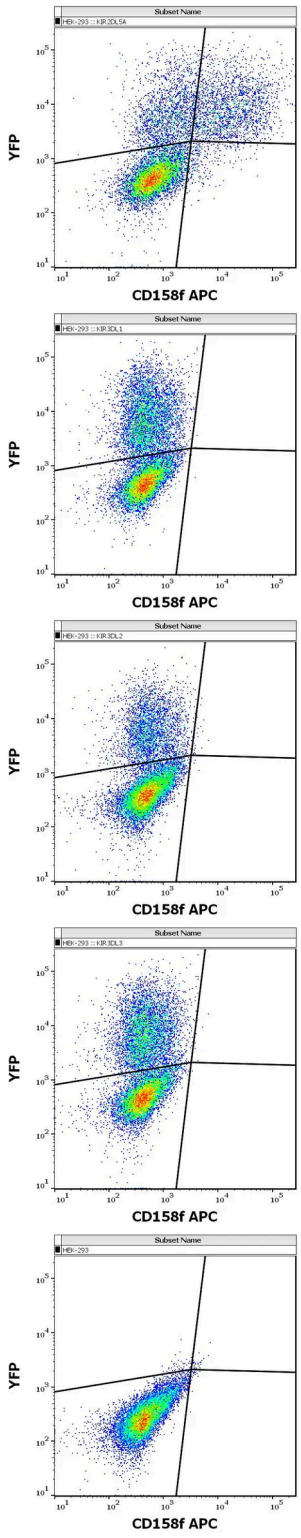
2 product images



Flow Cytometry - APC Anti-KIR2DL5/CD158f antibody [UP-R1] (ab328572)

KIR2DL5/CD158f Flow Cytometry staining of KIR2DL5A (CD158f) transfected HEK-293 cells using mouse Anti-KIR2DL5/CD158f antibody

Flow cytometry surface staining pattern of KIR2DL5A (CD158f) transfected HEK-293 cells co-transfected with YFP coding plasmid using anti-human CD158f (UP-R1) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).



Flow Cytometry - APC Anti-KIR2DL5/CD158f antibody [UP-R1] (ab328572)

KIR2DL5/CD158f Flow Cytometry staining using mouse Anti-KIR2DL5/CD158f antibody

Flow cytometry surface staining patterns of non-transfected HEK-293 cells and HEK-293 cells transfected with KIR-family coding plasmids co-transfected with YFP coding plasmid using anti-human CD158f (UP-R1) APC antibody (10 µl reagent / 100 µl of peripheral whole blood).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.