abcam

ab283657

Alexa Fluor® 647 Anti-KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 antibody [EPR24357-139]

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Conjugation	Alexa Fluor® 647
Excitation/Emission	Ex: 650nm, Em: 665nm
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.02% Sodium azide Constituents: PBS, 30% Glycerol (glycerin, glycerine), 1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR24357-139
Purification technique	Affinity purification Protein A
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/500
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/50
Notes	-

Target data

See full target information KIR3DL1

Function	Receptor on natural killer (NK) cells for HLA Bw4 allele. Inhibits the activity of NK cells thus preventing cell lysis.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle, Store in the dark

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

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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

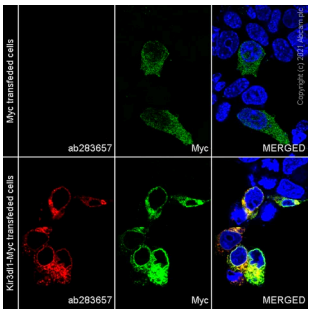
We do not recommend this combination. It is not covered by our product promise.

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.

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

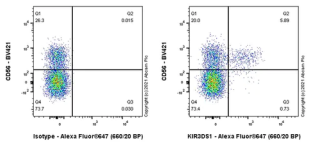
2 product images



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 antibody [EPR24357-139] (ab283657)

KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 antibody

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized 293T cells labelling KIR3DL1 with ab283657 at 1/50 (10.0 µg/ml) dilution. Confocal image showing cytoplasmic staining in 293T cells transfected with Myc tagged KIR3DL1 construct. Myc-Tag Mouse mAb (Alexa Fluor® 488) was used to counterstain tubulin at 1/100 dilution (Red). The Nuclear counterstain was DAPI (Blue).



Flow Cytometry - Alexa Fluor® 647 Anti-KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 antibody [EPR24357-139] (ab283657)

KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 Flow Cytometry staining using rabbit Anti-KIR3DL1 + KIR2DS4 + KIR2DS2 + KIR3DS1 antibody

Flow cytometric analysis of Human peripheral blood mononuclear cell (PBMC) cells labelling KIR3DL1 with ab283657 at 1/500 dilution (0.1µg) (Right) compared with a Rabbit monoclonal isotype control - Alexa Fluor® 647 (Left) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Cells were stained with rabbit IgG or ab283657. Then stained with anti-CD56 conjugated to BV421. Gated on viable cells.

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