abcam

ab324945

Anti-IL22 RA2/IL-22BP antibody [EPR27285-7]

Recombinant | RabMAb | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR27285-7
Purification technique	Affinity purification Protein A
Concentration	0.504 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt (Intra)

Tested

Species	Mouse
Dilution info	1/500
Notes	-

ICC/IF

Not recommended

Species	Mouse
Dilution info	-
Notes	-

Target data

See full target information Il22ra2

Function	Receptor for IL22. Binds to IL22, prevents interaction with the functional IL-22R complex and blocks the activity of IL22 (in vitro). May play an important role as an IL22 antagonist in the regulation of inflammatory responses.

Storage

Shipped at conditions	Conditional Ambient
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

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.

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

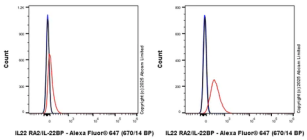
We do not recommend this combination. It is not covered by our product promise.

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



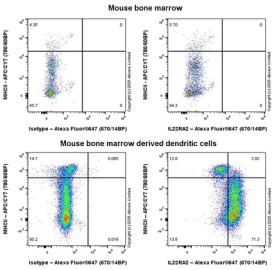
Flow Cytometry (Intracellular) - Anti-IL22 RA2/IL-22BP antibody [EPR27285-7] (ab324945)

IL22 RA2/IL-22BP Flow Cytometry (Intracellular) staining using rabbit Anti-IL22 RA2/IL-22BP antibody

Flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized WEHI-231 (mouse B cell lymphoma B lymphocyte, Left) / DCs (mouse dendritic cell sarcoma cell, Right) cells labelling IL22 RA2/IL-22BP with ab324945 at 1/500 dilution (0.1ug) (Red) compared with a Rabbit monoclonal IgG (ab172730) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat anti-Rabbit IgG (Alexa Fluor® 647, ab150083) at 1/5000 dilution was used as the secondary antibody.

Low expression: WEHI-231 (PMID: 23653115).



Flow Cytometry (Intracellular) - Anti-IL22 RA2/IL-22BP antibody [EPR27285-7] (ab324945)

IL22 RA2/IL-22BP Flow Cytometry (Intracellular) staining using rabbit Anti-IL22 RA2/IL-22BP antibody

Flow cytometric analysis of 2% paraformaldehyde fixed 0.1% Tween-20 permeabilized Mouse bone marrow derived Dendritic cells induced by 20ng/ml GM-CSF for 13 days and 50ng/ml IL4 for 7 days ((Lower left and right) Mouse bone marrow (Upper left and right)) cells labelling IL22 RA2/IL-22BP with ab324945 at 1/500 dilution (0.1ug) / Upper right and Lower right compared with a Rabbit monoclonal IgG (ab172730) / Left isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody).

Goat anti-Rabbit IgG (Alexa Fluor® 647, ab150083) at 1/5000 dilution was used as the secondary antibody.

Cells were co-stained with anti-CD11c conjugated to BV421 and anti-MHCII conjugated to APC/CY7, then fixed with 2% PFA for 10 min followed by intracellular staining.
Gated on viable CD11c positive cells.

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