abcam

ab223188

Anti-CLEC9A antibody [EPR22324]

Anti-CLEC9A antibody [EPR22324] (ab223188) is a rabbit monoclonal antibody detecting CLEC9A in **Flow Cytometry, IHC-P**. Suitable for **Human**.

- Biophysical QC for unrivalled batch-batch consistency

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	EPR22324
Purification technique	Affinity purification Protein A
Concentration	0.474 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IP

Not recommended

Species	Human
Dilution info	-

Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1/50
Notes	-

WB

Not recommended

Species	Human
Dilution info	-
Notes	-

ICC/IF

Not recommended

Species	Human
Dilution info	-
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/1000
Notes	Perform heat-mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target data

See full target information CLEC9A

Function	Functions as an endocytic receptor on a small subset of myeloid cells specialized for the uptake and processing of material from dead cells. Recognizes filamentous form of actin in association with particular actin-binding domains of cytoskeletal proteins, including spectrin, exposed when cell membranes are damaged, and mediate the cross-presentation of dead-cell associated antigens in a Syk-dependent manner.

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

What is this antibody validated in?
Anti-CLEC9A antibody [EPR22324] (ab223188) is a rabbit recombinant monoclonal antibody and is validated for use in Flow Cytometry (Flow Cyt), Immunohistochemistry (IHC-P) in Human samples.

Other related products
We have a range of other formats of antibody clone [EPR22324] also available for your convenience: ab223188, Carrier free - ab245121, Alexa Fluor® 555 - ab313594, Alexa Fluor® 647 - ab315359

Trial sizes available!
Test your antibody or perform pre-screening before committing to a larger quantity. Sold in 20µl. Discover our selection of trial-size 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.

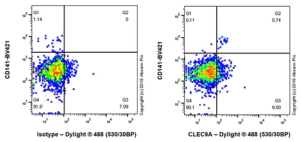
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

---

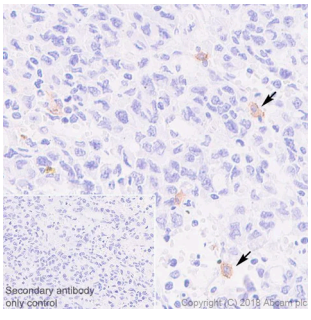
5 product images



Flow Cytometry - Anti-CLEC9A antibody [EPR22324] (ab223188)

CLEC9A Flow Cytometry staining using rabbit Anti-CLEC9A antibody

Flow cytometric analysis of Human peripheral blood mononuclear cell (PBMC) cells labeling CLEC9A with ab223188 at 1/50 dilution. Cells were stained with Rabbit monoclonal IgG (ab172730) (Left) or ab223188 (Right). Then stained with Alexa Fluor® 647-conjugated anti-CD3, PE conjugated anti-HLA-DR and BV421 conjugated anti-CD141. Data shown was firstly gated out lymphocytes, then gated on viable CD3(-) HLA-DR (+) APC cells.
CLEC9A is selectively expressed on CD141+DC cells (Q2, ~0.05% in PBMC) and expression pattern was described in literature. (PMID:20479116).

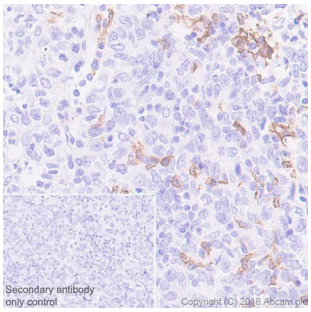


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CLEC9A antibody [EPR22324] (ab223188)

CLEC9A Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-CLEC9A antibody

Immunohistochemical analysis of paraffin-embedded human gastric cancer tissue labeling CLEC9A with ab223188 at 1/1000 dilution, followed Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Positive staining on dendritic cells (arrows) of human gastric cancer (PMID: 18408006; PMID: 20479116) is observed. Counterstained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a Goat Anti-Rabbit IgG H&L (HRP) Ready to use.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

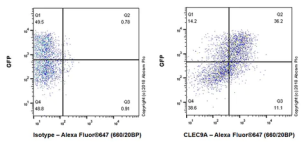


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CLEC9A antibody [EPR22324] (ab223188)

CLEC9A Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-CLEC9A antibody

Immunohistochemical analysis of paraffin-embedded human thyoma tissue labeling CLEC9A with ab223188 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Membranous staining on dendritic cells of human thymoma (PMID: 18408006; PMID: 20479116) is observed. Counterstained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) Ready to use.

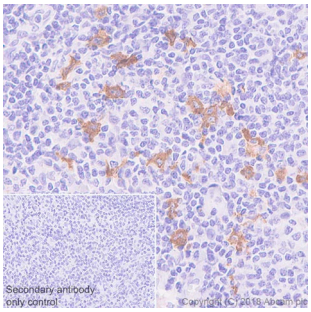
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Flow Cytometry - Anti-CLEC9A antibody [EPR22324] (ab223188)

CLEC9A Flow Cytometry staining using rabbit Anti-CLEC9A antibody

Flow cytometric analysis of HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with GFP-tagged CLEC9A overexpression construct, labeling CLEC9A with ab223188 at 1/500 dilution (Right) compared with a Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730) (Left). Goat anti rabbit IgG (Alexa Fluor® 647, ab150079) was used as the secondary antibody at 1/2000 dilution. Gated on viable cells.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CLEC9A antibody [EPR22324] (ab223188)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling CLEC9A with ab223188 at 1/1000 dilution, followed by Rabbit specific IHC polymer detection kit HRP/DAB Ready to use (ab209101). Positive staining on dendritic cells of human tonsil (PMID: 18408006; PMID: 20479116) is observed. Counterstained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Rabbit specific IHC polymer detection kit HRP/DAB Ready to use (ab209101).

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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