abcam

ab327949

Anti-CD62E antibody [EPR29886-593] - BSA and Azide free

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	EPR29886-593
Purification technique	Affinity purification Protein A

Reactivity data

Flow Cyt

Tested

Species	Mouse
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Mouse
Dilution info	-
Notes	-

IHC-Fr

Not recommended

Species	Mouse
Dilution info	-
Notes	-

Target data

See full target information Sele

Function	Cell-surface glycoprotein having a role in immunoadhesion. Mediates in the adhesion of blood neutrophils in cytokine-activated endothelium through interaction with SELPLG/PSGL1 (PubMed:1375914). May have a role in capillary morphogenesis.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

ab327949 is the carrier-free version of ab324639

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.

Conjugation ready
Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with 1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Compatibility
This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

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

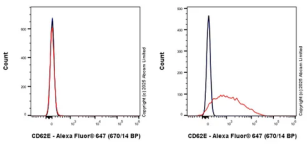
We do not recommend this combination. It is not covered by our product promise.

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.

3 product images



Flow Cytometry - Anti-CD62E antibody [EPR29886-593] - BSA and Azide free (ab327949)

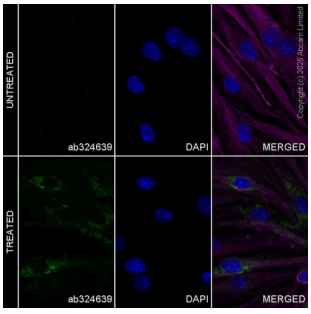
CD62E Flow Cytometry staining using rabbit Anti-CD62E antibody

This data was developed using ab324639, the same antibody clone in a different buffer formulation.

Flow cytometric analysis of Neuro-2a (mouse neuroblastoma neuroblast Left) / CT26.WT (mouse colon fibroblast Right) cells labelling CD62E with ab324639 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) (Blue).

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

Gated on viable cells.
Negative control: Neuro-2a.



Immunocytochemistry/ Immunofluorescence - Anti-CD62E antibody [EPR29886-593] - BSA and Azide free (ab327949)

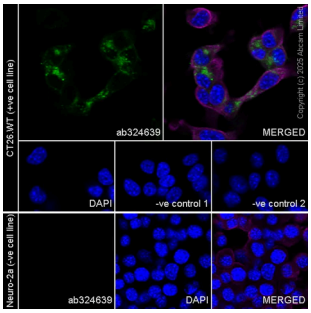
CD62E Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD62E antibody

This data was developed using ab324639, the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed 0.1% TritonX-100 permeabilized bEnd.3 (mouse brain endothelial cell) cells labelling CD62E with ab324639 at 1/50 (10.26 ug/ml) dilution followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2ug/ml) dilution (Green).

Confocal image showing increased cytoplasmic staining in bEnd.3 cells treated with TNF-alpha (20ng/ml) for 4 hr (shown in green). The counterstain was observed in magenta. Nuclear DNA was labeled with DAPI (shown in blue). Image was taken with a confocal microscope (Leica-Microsystems TCS SP8).

ab7291 Anti-alpha Tubulin mouse monoclonal antibody was used to counterstain tubulin at 1/1000 (1ug/ml) dilution followed by ab150120 Goat Anti-Mouse IgG H&L (Alexa Fluor® 594) at 1/1000 (2ug/ml) dilution (Magenta).



Immunocytochemistry/ Immunofluorescence - Anti-CD62E antibody [EPR29886-593] - BSA and Azide free (ab327949)

CD62E Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-CD62E antibody

This data was developed using ab324639, the same antibody clone in a different buffer formulation.

Immunofluorescent analysis of 4% Paraformaldehyde-fixed 0.1% TritonX-100 permeabilized CT26.WT (mouse colon fibroblast) cells labelling CD62E with ab324639 at 1/50 (10.26 ug/ml) dilution followed by ab150081 Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2ug/ml) dilution (Green).

Confocal image showing cytoplasmic staining in CT26.WT cell line (shown in green). The counterstain was observed in magenta. Nuclear DNA was labelled with DAPI (shown in blue).

Negative control: Neuro-2a.
Image was taken with a confocal microscope (Leica-Microsystems TCS SP8).

ab7291 Anti-alpha Tubulin mouse monoclonal antibody was used to counterstain tubulin at 1/1000 (1ug/ml) dilution followed by ab150120 Goat Anti-Mouse IgG H&L (Alexa Fluor® 594) at 1/1000 (2ug/ml) dilution (Magenta).

-ve control 1: ab324639 at a 1/50 dilution followed by ab150120 at a 1/1000 dilution.

-ve control 2: ab7291at a 1/1000 dilution followed by ab150081 at a 1/1000 dilution.

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