


Product datasheet

Anti-VAV3 (phospho Y173) antibody [EPR1068A] ab109544

Recombinant RabMAb

[3 References](#) [2 Images](#)

Overview

Product name	Anti-VAV3 (phospho Y173) antibody [EPR1068A]
Description	Rabbit monoclonal [EPR1068A] to VAV3 (phospho Y173)
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Jurkat cell lysates
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR1068A
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab109544 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 98 kDa.

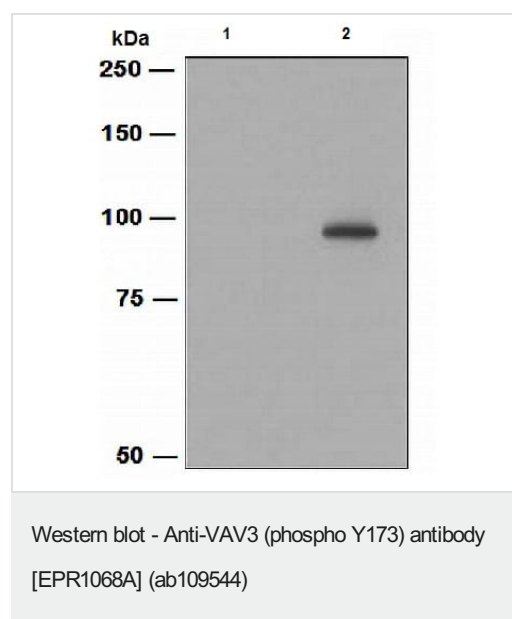
Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Function Exchange factor for GTP-binding proteins RhoA, RhoG and, to a lesser extent, Rac1. Binds physically to the nucleotide-free states of those GTPases. Plays an important role in angiogenesis. Its recruitment by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly.

Sequence similarities Contains 1 CH (calponin-homology) domain.
Contains 1 DH (DBL-homology) domain.
Contains 1 PH domain.
Contains 1 phorbol-ester/DAG-type zinc finger.
Contains 1 SH2 domain.
Contains 2 SH3 domains.

Images



All lanes : Anti-VAV3 (phospho Y173) antibody [EPR1068A] (ab109544) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : Jurkat cell lysate treated with Pervanadate

Lysates/proteins at 10 µg per lane.

Predicted band size: 98 kDa

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-VAV3 (phospho Y173) antibody [EPR1068A]
(ab109544)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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