

Product datasheet

Anti-ARHGAP25 antibody [EPR13233-60] ab192020

Recombinant **RabMAb**

[1 References](#) [5 Images](#)

Overview

Product name	Anti-ARHGAP25 antibody [EPR13233-60]
Description	Rabbit monoclonal [EPR13233-60] to ARHGAP25
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment within Human ARHGAP25 aa 450-600. The exact sequence is proprietary. Database link: P42331
Positive control	Ramos, Raji and Jurkat cell lysates; Human tonsil tissue lysate; Human stomach and hepatocellular carcinoma tissues.

General notes

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 production

For more information [see here](#).

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

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise[™] guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13233-60
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab192020** in the following tested applications.

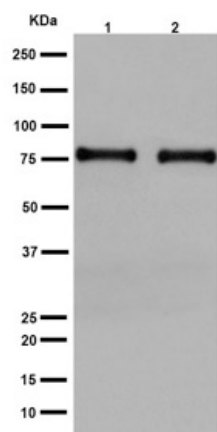
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/100 - 1/200. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Detects a band of approximately 77 kDa (predicted molecular weight: 73 kDa).

Target

Function	GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state.
Sequence similarities	Contains 1 PH domain. Contains 1 Rho-GAP domain.

Images



Western blot - Anti-ARHGAP25 antibody
[EPR13233-60] (ab192020)

All lanes : Anti-ARHGAP25 antibody [EPR13233-60] (ab192020)
at 1/1000 dilution

Lane 1 : Ramos cell lysate

Lane 2 : Raji cell lysate

Lysates/proteins at 20 µg per lane.

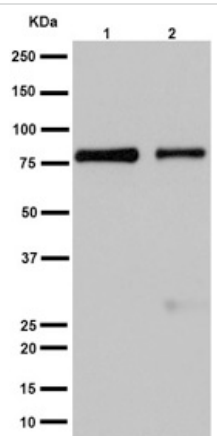
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

Predicted band size: 73 kDa

Observed band size: 77 kDa

[why is the actual band size different from the predicted?](#)



Western blot - Anti-ARHGAP25 antibody
[EPR13233-60] (ab192020)

All lanes : Anti-ARHGAP25 antibody [EPR13233-60] (ab192020)
at 1/10000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : Human tonsil tissue lysate

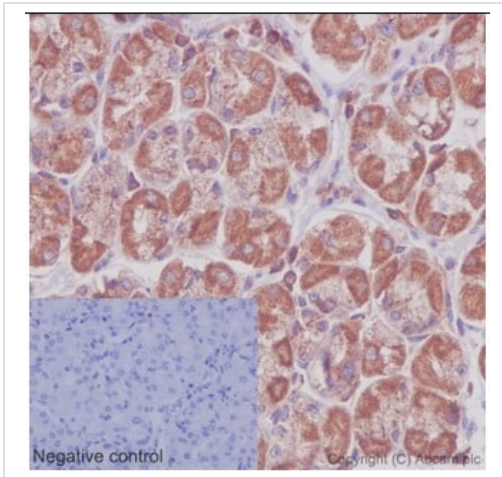
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

Predicted band size: 73 kDa

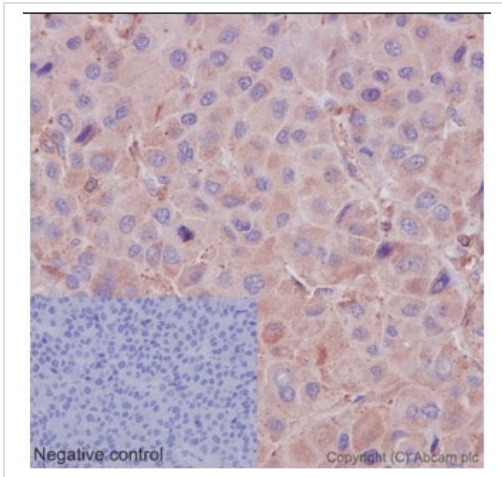
Observed band size: 77 kDa [why is the actual band size different from the predicted?](#)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARHGAP25 antibody [EPR13233-60] (ab192020)

Immunohistochemical analysis of paraffin-embedded Human stomach tissue labeling ARHGAP25 using ab192020 at 1/200 dilution (5 µg/mL). A prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody. Counterstain: Hematoxylin. Inset image: negative control obtained using PBS instead of ab192020.

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-ARHGAP25 antibody [EPR13233-60] (ab192020)

Immunohistochemical analysis of paraffin-embedded Human hepatocellular carcinoma tissue labeling ARHGAP25 using ab192020 at 1/200 dilution (5 µg/mL). A prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody. Counterstain: Hematoxylin. Inset image: negative control obtained using PBS instead of ab192020.

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

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-ARHGAP25 antibody [EPR13233-60]
(ab192020)

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

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