

Product datasheet

Anti-ETV2 antibody [EPR5229(3)] ab181847

Recombinant RabMAb

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Overview

Product name	Anti-ETV2 antibody [EPR5229(3)]
Description	Rabbit monoclonal [EPR5229(3)] to ETV2
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HUVEC cell lysate of lent-virally expressed Human ETV2 and Human bone marrow stromal cell lysate lent-virally expressed mouse ETV2. HUVEC cells expressing exogenous Human ETV2.
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>

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	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol, 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR5229(3)
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181847 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. Detects a band of approximately 40 kDa (predicted molecular weight: 37 kDa).
ICC/IF		1/500.

Target

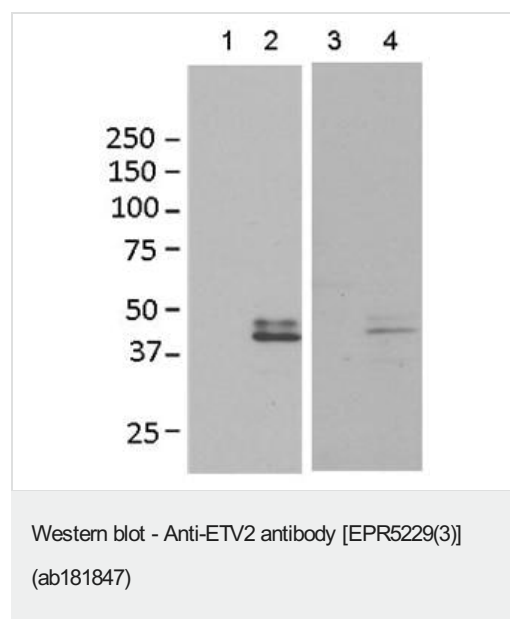
Relevance

ETV2 is a member of the ETS family of transcription factors. It has been proposed that ETV2 acts downstream of BMP, notch and wnt signalling in blood and vessel specification. ER71 has also shown to be important for Flk1 expression as well as hematopoietic and vascular development.

Cellular localization

Nuclear

Images



All lanes : Anti-ETV2 antibody [EPR5229(3)] (ab181847) at 1/10000 dilution

Lane 1 : HUVEC cell lysate

Lane 2 : HUVEC cell lysate of lent-virally expressed Human ETV2

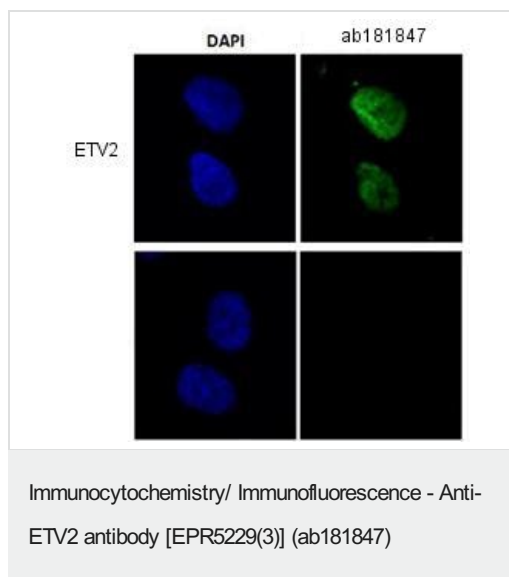
Lane 3 : Human bone marrow stromal cell lysate

Lane 4 : Human bone marrow stromal cell lysate lent-virally expressed mouse ETV2

Developed using the ECL technique.

Predicted band size: 37 kDa

Observed band size: 40 kDa



Immunofluorescence analysis of paraformaldehyde-fixed HUVEC cells with exogenous Human ETV2 (upper panels) or without (lower panels), labeling ETV2 with ab181847 at a 1/500 dilution. As secondary antibody goat anti rabbit IgG (Alexa Fluor®488) was used at a 1/200. In blue DAPI staining.

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-ETV2 antibody [EPR5229(3)] (ab181847)

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

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