


Product datasheet

Anti-APOBEC2 antibody [EPR11286(B)] ab170859

Recombinant RabMAb

8 Images

Overview

Product name	Anti-APOBEC2 antibody [EPR11286(B)]
Description	Rabbit monoclonal [EPR11286(B)] to APOBEC2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB Unsuitable for: ICC/IF or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human APOBEC2 (Cysteine residue). The exact sequence is proprietary. Database link: Q9Y235
Positive control	Human heart and skeletal muscle tissues; Human fetal muscle and fetal heart lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

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: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR11286(B)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab170859 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

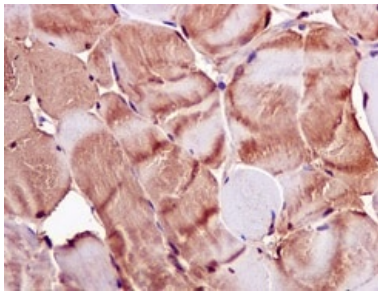
Application	Abreviews	Notes
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		1/10000 - 1/50000. Predicted molecular weight: 26 kDa.

Application notes Is unsuitable for ICC/IF or IP.

Target

Relevance APOBEC2 belongs to the cytidine and deoxycytidylate deaminase family. It is probable C to U editing enzyme whose physiological substrate is not yet known. It does not display detectable apoB mRNA editing and has a low intrinsic cytidine deaminase activity.

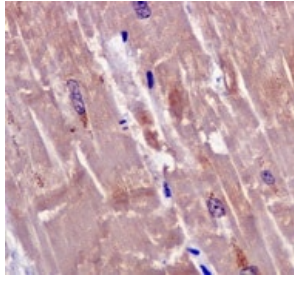
Images



Immunohistochemical analysis of Formalin-fixed, paraffin-embedded Human skeletal muscle tissue labeling APOBEC2 with ab170859 at 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

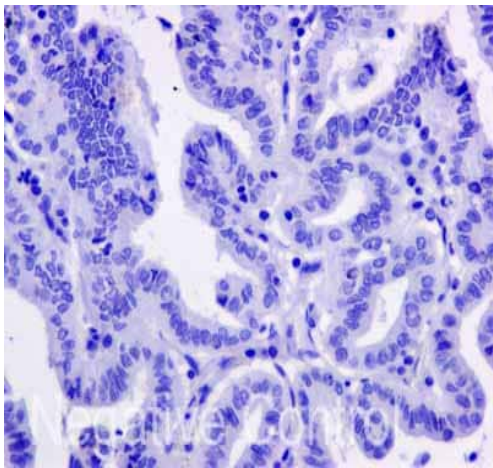
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

Immunohistochemical analysis of Formalin-fixed, paraffin-embedded Human heart tissue labeling APOBEC2 with ab170859 at 1/100 dilution.

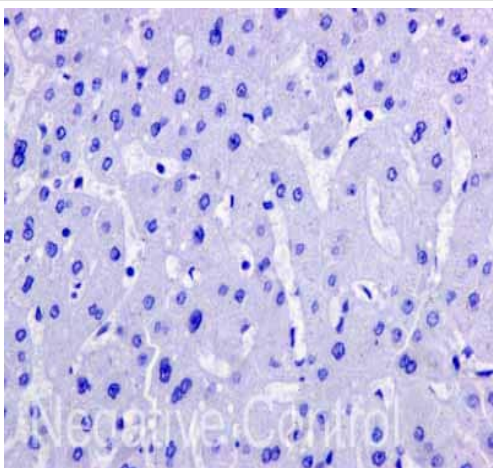
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

ab170859 showing -ve staining in Human thyroid gland carcinoma tissue.

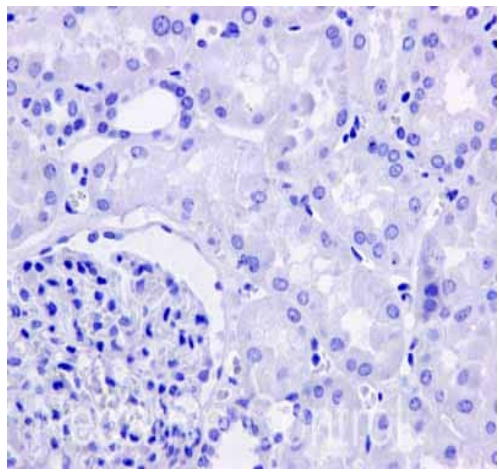
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

ab170859 showing -ve staining in Human normal liver tissue.

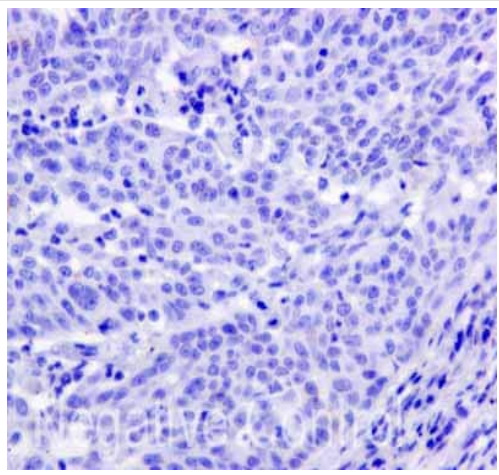
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

ab170859 showing -ve staining in Human normal kidney tissue.

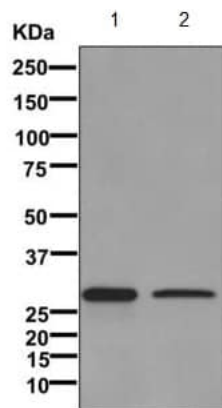
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

ab170859 showing -ve staining in Human cervical carcinoma tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



All lanes : Anti-APOBEC2 antibody [EPR11286(B)] (ab170859) at 1/10000 dilution

Lane 1 : Human fetal muscle lysate

Lane 2 : Human fetal heart lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 26 kDa

Western blot - Anti-APOBEC2 antibody [EPR11286(B)] (ab170859)

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-APOBEC2 antibody [EPR11286(B)] (ab170859)

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

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