

Product datasheet

Anti-BIVM antibody [EPR9109] ab137113

Recombinant RabMAb

[4 Images](#)

Overview

Product name	Anti-BIVM antibody [EPR9109]
Description	Rabbit monoclonal [EPR9109] to BIVM
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide within Human BIVM aa 450-550 (C terminal). The exact sequence is proprietary.
Positive control	HeLa, HepG2, Jurkat and Raji cell lysates; breast carcinoma and kidney tissues.
General notes	Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

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](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
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	EPR9109
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab137113 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: 57 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. It is recommended to use an HRP/AP polymerized secondary antibody.

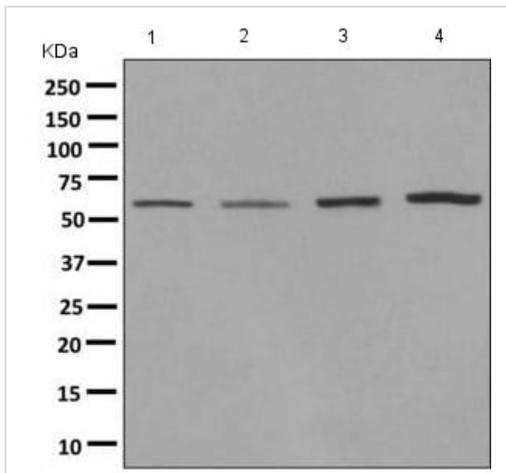
Application notes Is unsuitable for IP.

Target

Relevance BVM (for basic, immunoglobulin like variable motif containing) refers to a recently identified gene product that maps to human chromosome 13q32-q33 and is predicted to encode a 503 amino acid protein. BVM shows ubiquitous expression in normal human tissue and the presence of a 5' CpG island suggests it is a housekeeping gene. BVM is likely essential for some aspect of basic cellular function. BVM is highly charged and localizes to the cytoplasm and nucleus where it may bind to either DNA or RNA or associate with other cellular proteins. Significant sequence homology exists with many organisms.

Cellular localization Cytoplasmic and Nuclear

Images



Western blot - Anti-BVM antibody [EPR9109] (ab137113)

All lanes : Anti-BVM antibody [EPR9109] (ab137113) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : HepG2 cell lysate

Lane 3 : Jurkat cell lysate

Lane 4 : Raji cell lysate

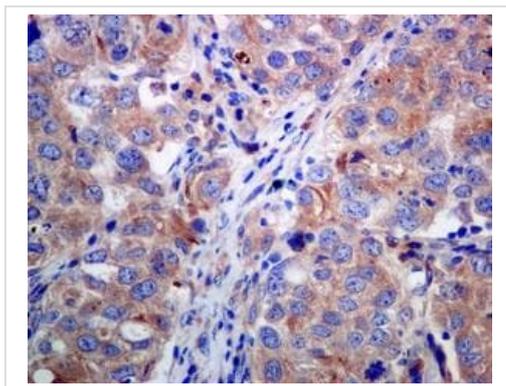
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Standard HRP-labeled goat anti-rabbit at 1/2000 dilution

Developed using the ECL technique.

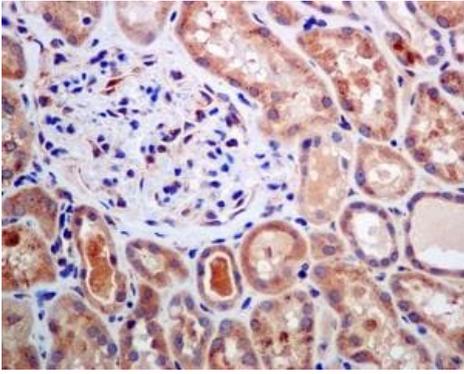
Predicted band size: 57 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BVM antibody [EPR9109] (ab137113)

Immunohistochemical analysis of paraffin-embedded, formalin-fixed breast carcinoma tissue, staining BVM using ab137113 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemical analysis of paraffin-embedded, formalin-fixed kidney tissue, staining BVM using ab137113 at a 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BVM antibody [EPR9109] (ab137113)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-BVM antibody [EPR9109] (ab137113)

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

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