


Product datasheet

Anti-BIVM antibody [EPR9109] - BSA and Azide free  
ab248827

Recombinant RabMAb

4 Images

Overview

<b>Product name</b>	Anti-BIVM antibody [EPR9109] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR9109] to BIVM - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>General notes</b>	<p>ab248827 is the carrier-free version of <a href="#">ab137113</a>.</p> <p>Our <a href="#">carrier-free</a> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <a href="#">conjugation kits</a> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR9109
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab248827 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

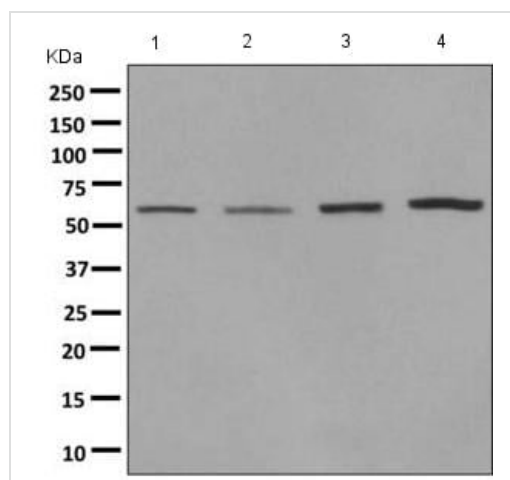
Application	Abreviews	Notes
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 57 kDa.
<b>IHC-P</b>		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Use of a HRP/AP polymerized secondary antibody is recommended.

**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



Western blot - Anti-BVM antibody [EPR9109] - BSA and Azide free (ab248827)

**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.

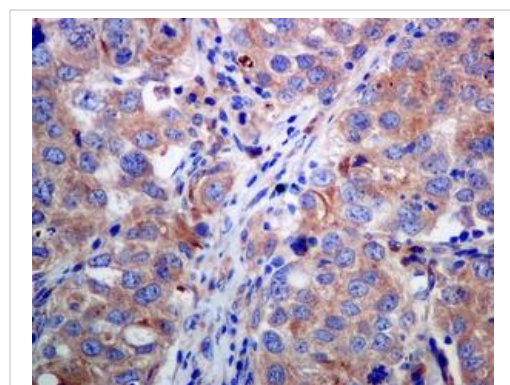
### Secondary

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

Developed using the ECL technique.

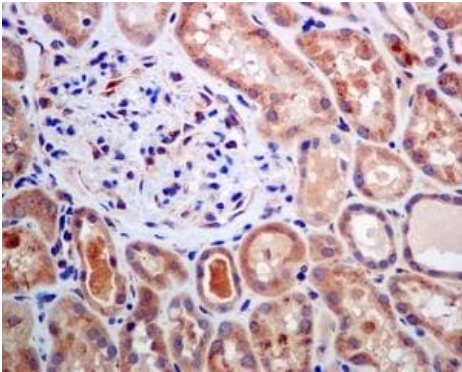
**Predicted band size:** 57 kDa

This data was developed using [ab137113](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BVM antibody [EPR9109] - BSA and Azide free (ab248827)


This data was developed using [ab137113](#), the same antibody clone in a different buffer formulation. 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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BVM antibody [EPR9109] - BSA and Azide free (ab248827)

This data was developed using [ab137113](#), the same antibody clone in a different buffer formulation. 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.

### Why choose a recombinant antibody?

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

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

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