

# Anti-AMBN antibody [EPR8317] - BSA and Azide free ab249205

Recombinant RabMAb

2 Images

### Overview

Product name	Anti-AMBN antibody [EPR8317] - BSA and Azide free
Description	Rabbit monoclonal [EPR8317] to AMBN - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Recombinant AMBN protein
General notes	<p>ab249205 is the carrier-free version of <a href="#">ab155950</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> 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>

## Properties

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Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8317
Isotype	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249205 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		Use at an assay dependent concentration. Predicted molecular weight: 48 kDa.

**Application notes** Is unsuitable for IHC-P or IP.

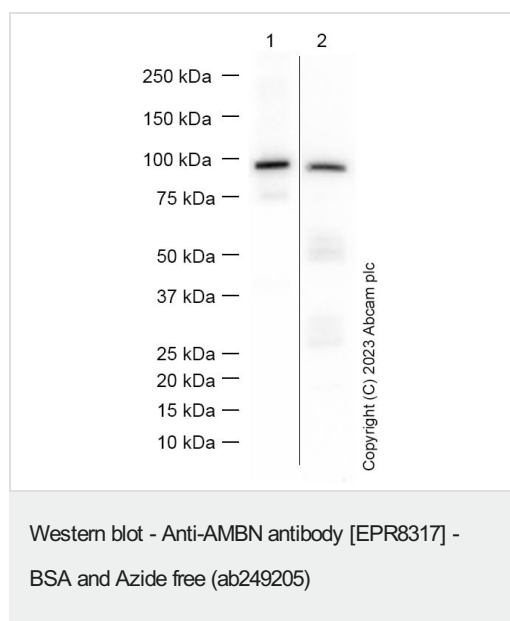
## Target

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Function	Involved in the mineralization and structural organization of enamel.
Tissue specificity	Ameloblast-specific. Located at the Tomes processes of secretory ameloblasts and in the sheath space between rod-interrod enamel.
Sequence similarities	Belongs to the ameloblastin family.
Cellular localization	Secreted > extracellular space > extracellular matrix.

## Images

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**Lane 1** : Anti-AMBN antibody [EPR8317] ([ab155950](#)) at 1/1000 dilution

**Lane 2** : Anti-GST antibody [EPR4236] ([ab111947](#)) at 1/1000 dilution

**All lanes** : Recombinant AMBN protein

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 48 kDa

**Observed band size:** 100 kDa

This data was developed using [ab155950](#), the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDM /TBST.

Exposure time: Lane 1: 1 second. Lane 2: 20 seconds.

AMBN will migrate to higher MW size (PMID: 23782691), the MW is consistent with literature (PMID: 26070558).

### 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-AMBN antibody [EPR8317] - BSA and Azide free (ab249205)

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

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