


Product datasheet

Anti-Inhibin beta B antibody [EPR2787(2)] - BSA and Azide free ab245139

Recombinant RabMAb

3 Images

Overview

Product name	Anti-Inhibin beta B antibody [EPR2787(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR2787(2)] to Inhibin beta B - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human adipose tissue lysate; Human Inhibin beta B recombinant protein.
General notes	<p>ab245139 is the carrier-free version of ab183491.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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"> - 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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2787(2)
Isotype	IgG

Applications

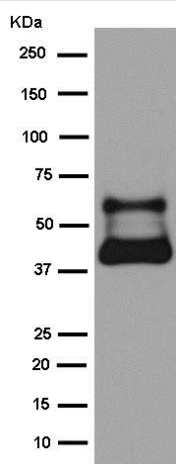
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab245139 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 52 kDa (predicted molecular weight: 45 kDa).

Target

Function	Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.
Sequence similarities	Belongs to the TGF-beta family.
Cellular localization	Secreted.

Images



Western blot - Anti-Inhibin beta B antibody
[EPR2787(2)] - BSA and Azide free (ab245139)

Anti-Inhibin beta B antibody [EPR2787(2)] ([ab183491](#)) at 1/10000 dilution + Human Inhibin beta B recombinant protein at 0.01 µg

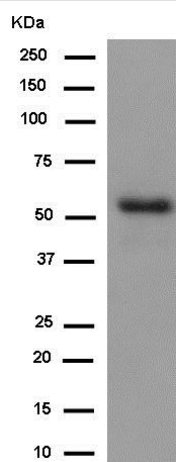
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

Predicted band size: 45 kDa

Observed band size: 55 kDa

This data was developed using [ab183491](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-Inhibin beta B antibody
[EPR2787(2)] - BSA and Azide free (ab245139)

Anti-Inhibin beta B antibody [EPR2787(2)] ([ab183491](#)) at 1/1000 dilution + Human adipose tissue lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 45 kDa

Observed band size: 52 kDa

This data was developed using [ab183491](#), the same antibody clone in a different buffer formulation.

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-Inhibin beta B antibody [EPR2787(2)] - BSA
and Azide free (ab245139)

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

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