

Product datasheet

Anti-BMP6 antibody [EPR7241] ab155963

Recombinant RabMAb

[8 References](#) [5 Images](#)

Overview

Product name	Anti-BMP6 antibody [EPR7241]
Description	Rabbit monoclonal [EPR7241] to BMP6
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, Flow Cyt
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat
Immunogen	Synthetic peptide within Human BMP6 aa 400-500. The exact sequence is proprietary. Database link: P22004
Positive control	Saos-2 or fetal brain lysate, Human tonsil or Mouse liver tissue, permeabilized Saos-2 cells.
General notes	<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> <p>We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA

Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7241
Isotype	IgG

Applications

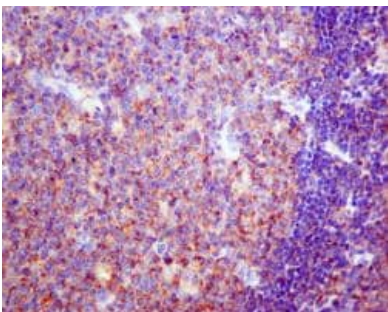
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab155963 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 42 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function	Induces cartilage and bone formation.
Sequence similarities	Belongs to the TGF-beta family.
Cellular localization	Secreted.

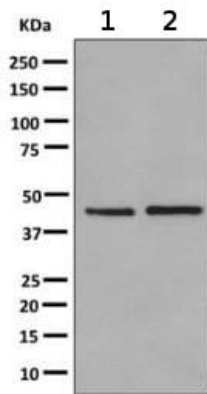
Images



Immunohistochemical analysis of paraffin embedded Human tonsil tissue labeling BMP6 with ab155963 at a 1/100 dilution.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BMP6 antibody [EPR7241] (ab155963)



Western blot - Anti-BMP6 antibody [EPR7241] (ab155963)

All lanes : Anti-BMP6 antibody [EPR7241] (ab155963) at 1/1000 dilution

Lane 1 : Saos-2 lysate

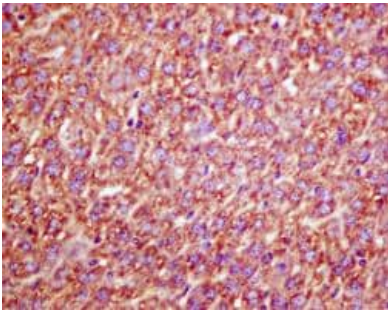
Lane 2 : Fetal brain lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

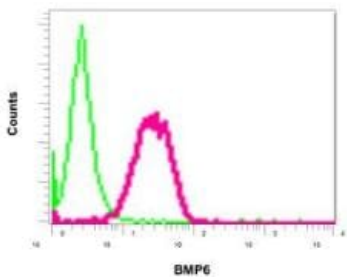
Predicted band size: 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BMP6 antibody [EPR7241] (ab155963)

Immunohistochemical analysis of paraffin embedded Mouse liver tissue labeling BMP6 with ab155963 at a 1/100 dilution.

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



Flow Cytometry (Intracellular) - Anti-BMP6 antibody [EPR7241] (ab155963)

Flow cytometry analysis of permeabilized Saos-2 cells using ab155963 at a 1/10 dilution (red) or a rabbit IgG (negative) (green).

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-BMP6 antibody [EPR7241] (ab155963)

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

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