


Product datasheet

Anti-BOG antibody [EPR9905] α b157202

Recombinant RabMAb

5 Images

Overview

Product name	Anti-BOG antibody [EPR9905]
Description	Rabbit monoclonal [EPR9905] to BOG
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, IHC-P, ICC/IF Unsuitable for: IP
Species reactivity	Reacts with: Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human BOG. The exact sequence is proprietary. Database link: O75884
Positive control	HepG2, MCF7, and HeLa cell lysates; kidney tissue; MCF7 and HeLa 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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

Properties

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

Storage buffer	pH: 7.2 Constituents: 0.35% Sodium citrate, 0.17% Sodium chloride, 0.03% EDTA, 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9905
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab157202 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

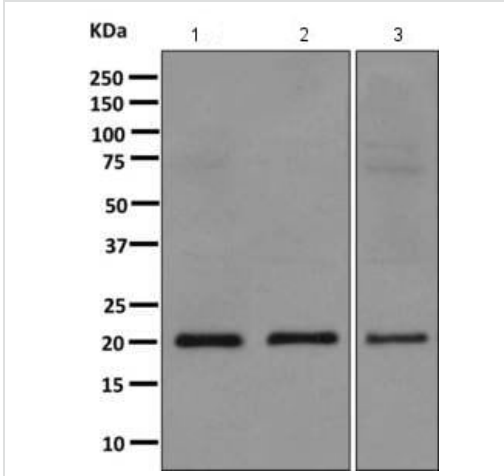
Application	Abreviews	Notes
Flow Cyt (Intra)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 21 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/250 - 1/500.

Application notes Is unsuitable for IP.

Target

Function	May play a role in the transformation process due to its capacity to confer resistance to the growth-inhibitory effects of TGF-beta1 through interaction with retinoblastoma and the subsequent displacement of E2F-1.
Tissue specificity	Widely expressed. Expressed at higher levels in tumor tissues than in normal tissues.
Sequence similarities	Belongs to the RBBP9 family.
Cellular localization	Cytoplasm. Nucleus.

Images



Western blot - Anti-BOG antibody [EPR9905] (ab157202)

All lanes : Anti-BOG antibody [EPR9905] (ab157202) at 1/1000 dilution

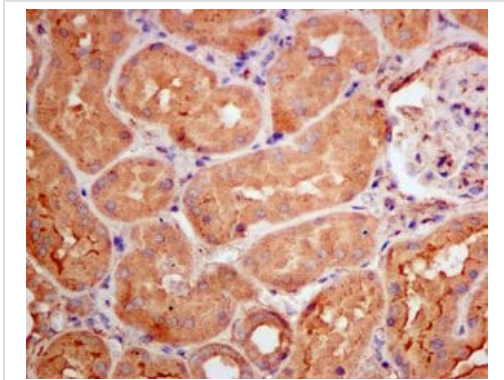
Lane 1 : HepG2 cell lysate

Lane 2 : MCF7 cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

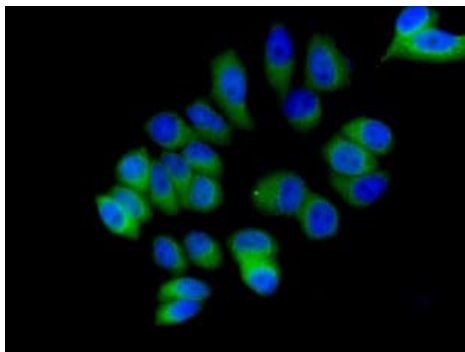
Predicted band size: 21 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BOG antibody [EPR9905] (ab157202)

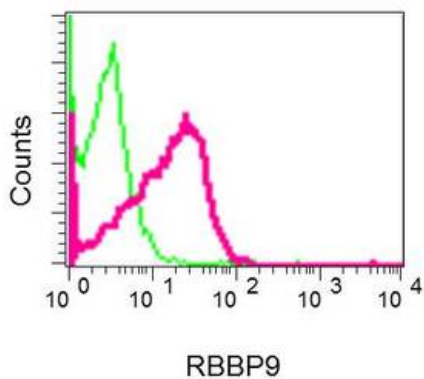
Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human kidney tissue, labeling BOG using ab157202 at a 1/100 dilution.

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



Immunofluorescence analysis of MCF7 cells, labeling BOG using ab157202 at a 1/250 dilution.





Immunocytochemistry/ Immunofluorescence - Anti-BOG antibody [EPR9905] (ab157202)



Intracellular Flow Cytometry analysis of permeabilized HeLa cells labeling BOG (red), using ab157202 at a 1/100 dilution, and negative control cells probed with a Rabbit IgG (green)

Flow Cytometry (Intracellular) - Anti-BOG antibody [EPR9905] (ab157202)

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-BOG antibody [EPR9905] (ab157202)

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

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