abcam

Product datasheet

Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free ab249015

Recombinant RabMAb

4 Images

Overview

Product name	Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free
Description	Rabbit monoclonal [EPR9333] to OSBPL9 - BSA and Azide free
Host species	Rabbit
Tested applications	**Suitable for:** Flow Cyt (Intra), IHC-P, 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.
General notes	ab249015 is the carrier-free version of **ab151691**. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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	EPR9333
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab249015 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

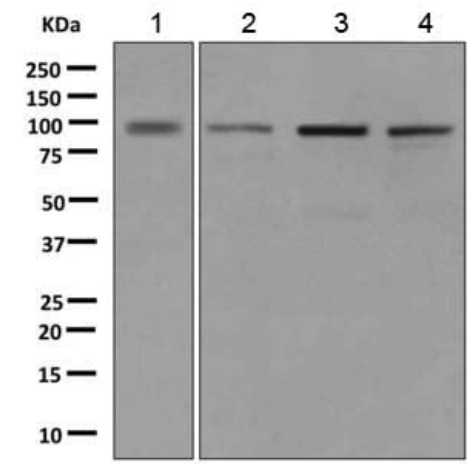
Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 83 kDa.

Target

Relevance The OSBPL9 gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. OSBPL9 appears to be in a distinct OSBP subfamily and shares relatively little homology in the sterol-binding domain with other OSBPs. Multiple transcript variants have been identified, most of which encode distinct isoforms.

Cellular localization Golgi Apparatus.

Images



Western blot - Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free (ab249015)

All lanes : Anti-OSBPL9 antibody [EPR9333] (**ab151691**) at 1/1000 dilution

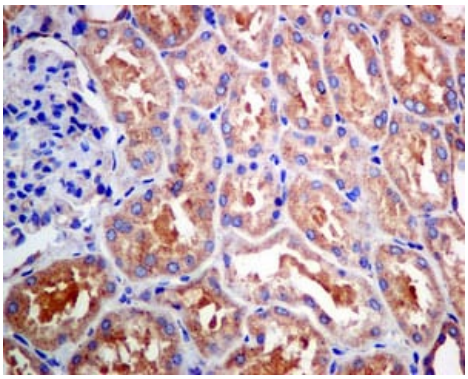
Lane 1 : Human fetal brain tissue lysate
Lane 2 : Jurkat cell lysate
Lane 3 : 293T (Human embryonic kidney epithelial cell) cell lysate
Lane 4 : HepG2 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary
All lanes : Goat anti-rabbit HRP at 1/2000 dilution

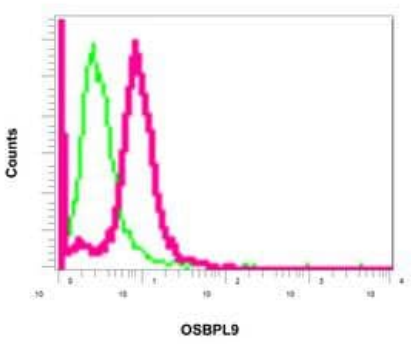
Predicted band size: 83 kDa

This data was developed using **ab151691**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free (ab249015)

This data was developed using **ab151691**, the same antibody clone in a different buffer formulation.Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling OSBPL9 with **ab151691** at 1/50 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free (ab249015)

This data was developed using **ab151691**, the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized 293T cells labeling OSBPL9 with **ab151691** at 1/10 dilution (red) compared to a nonspecific control antibody (green).

Anti-OSBPL9 antibody [EPR9333] - BSA and Azide free (ab249015)

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