abcam

Product datasheet

HRP Anti-VDAC1/Porin + VDAC2 antibody [EPR10852(B)] - Mitochondrial Loading Control ab185063

Recombinant

RabMAb

2 Images

Overview

Product name HRP Anti-VDAC1/Porin + VDAC2 antibody [EPR10852(B)] - Mitochondrial Loading Control

Description HRP Rabbit monoclonal [EPR10852(B)] to VDAC1/Porin + VDAC2 - Mitochondrial Loading

Control

Host species Rabbit
Conjugation HRP

Tested applications Suitable for: WB

Species reactivity Reacts with: Mouse, Rat, Human

Immunogen Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

Positive control WB: HepG2 and Jurkat whole cell and Human Kidney, Mouse Kidney and Rat Kidney tissue

lysates.

General notesThis product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

Improved sensitivity and specificityLong-term security of supplyAnimal-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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C.

Avoid freeze / thaw cycle. Store In the Dark.

Storage buffer Preservative: 0.1% Proclin 300 Solution

Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS

Purity Protein A purified

Clonality Monoclonal

1

Clone number

EPR10852(B)

Isotype

lgG

Applications

The Abpromise guarantee

Our <u>Abpromise guarantee</u> covers the use of ab185063 in the following tested applications.

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

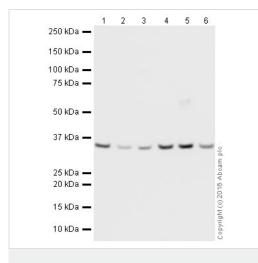
Application	Abreviews	Notes
WB		1/5000. Detects a band of approximately 35 kDa (predicted molecular weight: 31 kDa).

Target

Cellular localization

VDAC1/Porin: Mitochondrion outer membrane. Cell membrane. VDAC2: Mitochondrion outer membrane.

Images



Western blot - HRP Anti-VDAC1/Porin + VDAC2 antibody [EPR10852(B)] - Mitochondrial Loading Control (ab185063)

All lanes: HRP Anti-VDAC1/Porin + VDAC2 antibody

 $\hbox{[EPR10852(B)]-Mitochondrial Loading Control (ab185063) at}\\$

1/5000 dilution

Lane 1: HepG2 (Human hepatocellular liver carcinoma cell line)

Whole Cell Lysate

Lane 2: HeLa whole cell lysate (ab150035)

Lane 3: Jurkat (Human T cell lymphoblast-like cell line) Whole Cell

Lysate

Lane 4: Kidney (Mouse) Tissue Lysate

Lane 5: Kidney (Rat) Tissue Lysate

Lane 6: Kidney (Human) Tissue Lysate - adult normal tissue

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 31 kDa **Observed band size:** 35 kDa

Exposure time: 4 minutes

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 3% milk before being incubated with ab185063 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.



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

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