abcam

Product datasheet

Anti-VMA2 antibody [13D11B2] ab113684

2 References 1 Image

Overview

Product name	Anti-VMA2 antibody [13D11B2]
Description	Mouse monoclonal [13D11B2] to VMA2
Host species	Mouse
Tested applications	**Suitable for:** ICC/IF, WB
Species reactivity	**Reacts with:** Saccharomyces cerevisiae
Immunogen	Full length native protein (purified). This information is considered to be commercially sensitive.
Positive control	Yeast membranes
General notes	This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact **orders@abcam.com**. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As Product was previously marketed under the MitoSciences sub-brand.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
Purity	Proprietary Purification
Purification notes	Near homogeneity as judged by SDS-PAGE (purity >95%). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
Clonality	Monoclonal

Clone number	13D11B2
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab113684 in the following tested applications.

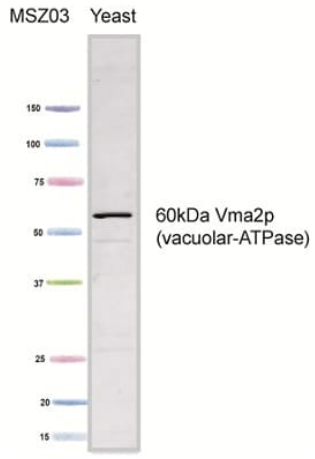
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 20 µg/ml.
WB		Use a concentration of 0.25 - 1 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa).

Target

Function	Non-catalytic subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. It is an electrogenic proton pump that generates a proton motive force of 180 mv, inside positive and acidic, in the vacuolar membrane vesicles.
Sequence similarities	Belongs to the ATPase alpha/beta chains family.

Images



Western blot - Anti-VMA2 antibody [13D11B2] (ab113684)

Anti-VMA2 antibody [13D11B2] (ab113684) + Yeast whole cell lysate at 15 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 58 kDa

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