

Anti-PEP12 antibody [2C3G4] ab113689

1 Image

Overview

Product name	Anti-PEP12 antibody [2C3G4]
Description	Mouse monoclonal [2C3G4] to PEP12
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: <i>Saccharomyces cerevisiae</i>
Immunogen	Recombinant full length protein. This information is considered to be commercially sensitive.
Positive control	Yeast lysate
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>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.</p> <p>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</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

Properties

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

Clone number	2C3G4
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab113689 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		Use a concentration of 0.5 - 1 µg/ml. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa).
ICC/IF		Use a concentration of 1 µg/ml.

Target

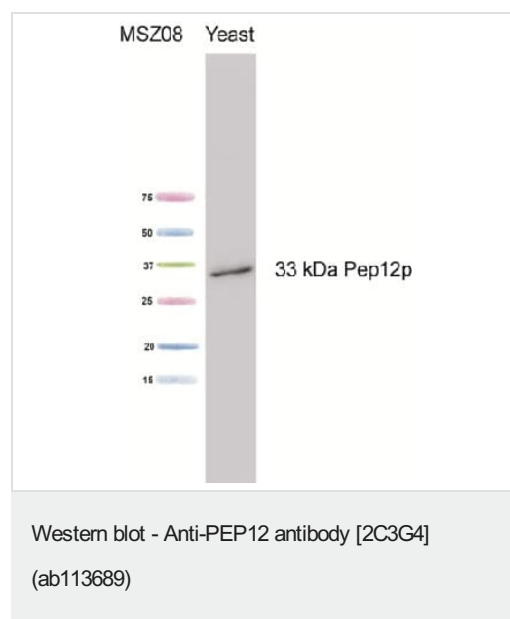
Function Plays a role in the sorting and targeting of vacuolar proteases.

Sequence similarities Belongs to the syntaxin family.
Contains 1 t-SNARE coiled-coil homology domain.

Post-translational modifications Ubiquitinated.

Cellular localization Membrane.

Images



Anti-PEP12 antibody [2C3G4] (ab113689) + Yeast whole cell lysate at 15 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 33 kDa

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

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