

Product datasheet

Anti-Endomucin antibody [V.7C7.1] ab106100

★★★★★ 9 Abreviews 21 References 1 Image

Overview

Product name	Anti-Endomucin antibody [V.7C7.1]
Description	Rat monoclonal [V.7C7.1] to Endomucin
Host species	Rat
Tested applications	Suitable for: ICC/IF Unsuitable for: FuncS
Species reactivity	Reacts with: Mouse
Immunogen	Mouse Endomucin-IgG fusion protein
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium azide

	Constituents: 0.1% BSA, PBS
Purity	Protein G purified
Purification notes	0.2 µm filtered solution
Clonality	Monoclonal
Clone number	V.7C7.1
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab106100** in the following tested applications.

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

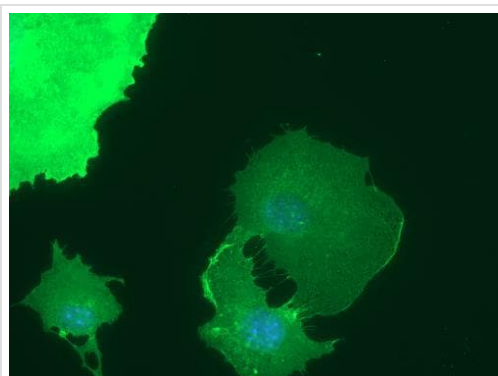
Application	Abreviews	Notes
ICC/IF	★★★★★	Use a concentration of 1 µg/ml.

Application notes Is unsuitable for FuncS.

Target

Function	Endothelial sialomucin, also called endomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix.
Tissue specificity	Expressed in heart, kidney and lung.
Post-translational modifications	Highly O-glycosylated. Sialic acid-rich glycoprotein.
Cellular localization	Secreted and Cell membrane. Membrane. Consistently localized to the plasma membrane and less abundantly to Golgi-like perinuclear stacks.

Images



Immuno fluorescence staining of bEND3 cells with ab106100 at a concentration of 1 µg/ml.

Immunocytochemistry/ Immunofluorescence - Anti-Endomucin antibody [V.7C7.1] (ab106100)

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

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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