

Product datasheet

Anti-MS2 antibody [EPR22688-44] ab255608

Recombinant RabMAb

6 Images

Overview

Product name	Anti-MS2 antibody [EPR22688-44]
Description	Rabbit monoclonal [EPR22688-44] to MS2
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF Unsuitable for: Flow Cyt, IP or WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment aa 1-450. The exact sequence is proprietary. Database link: P78325
Positive control	IHC-P: Human colon, Human breast cancer, Mouse colon and Rat colon tissues. ICC/IF: 293T cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <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>

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.

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.

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 0.5% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR22688-44
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab255608** in the following tested applications.

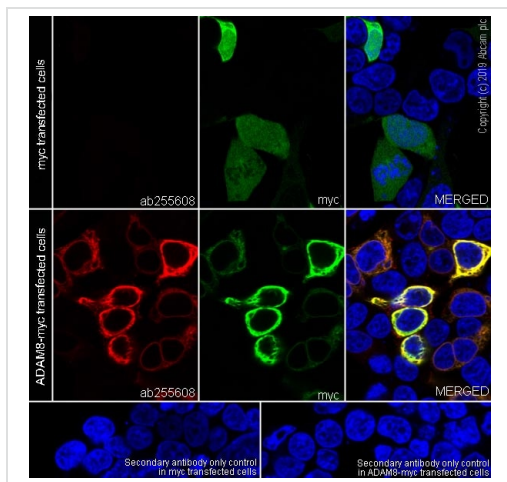
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/2000.
ICC/IF		1/100.

Application notes Is unsuitable for Flow Cyt,IP or WB.

Target

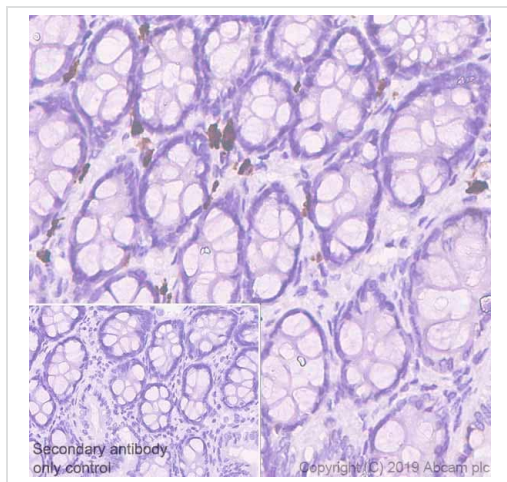
Function	Possible involvement in extravasation of leukocytes.
Tissue specificity	Expressed on neutrophils and monocytes.
Sequence similarities	Contains 1 disintegrin domain. Contains 1 EGF-like domain. Contains 1 peptidase M12B domain.
Cellular localization	Membrane.



Immunocytochemistry/ Immunofluorescence - Anti-MS2 antibody [EPR22688-44] (ab255608)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized 293T (human embryonic kidney epithelial cell) cells labelling ADAM8 with ab255608 at 1/100 dilution, followed by [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic staining in 293T cells transfected with myc-tagged ADAM8 expression vector. Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 dilution.

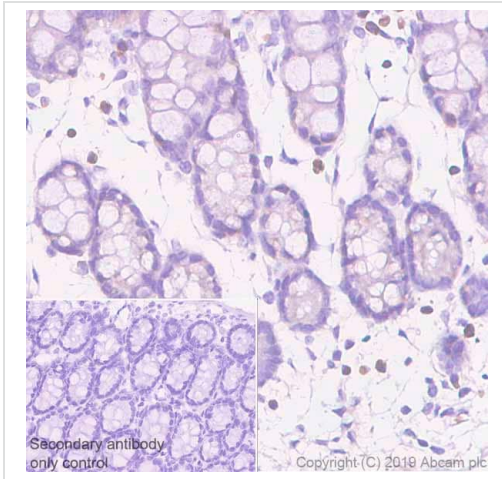


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MS2 antibody [EPR22688-44] (ab255608)

Immunohistochemical analysis of paraffin-embedded Rat colon tissue labeling ADAM8 with ab255608 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in immune cells of rat colon (PMID: 17270707) Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

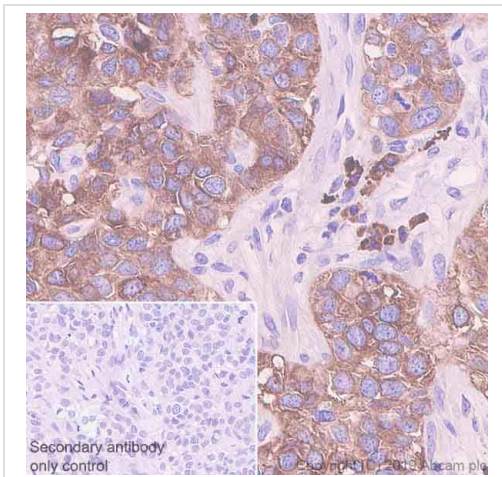


Immunohistochemical analysis of paraffin-embedded Mouse colon tissue labeling ADAM8 with ab255608 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in immune cells of mouse colon (PMID: 17270707) Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MS2 antibody [EPR22688-44] (ab255608)

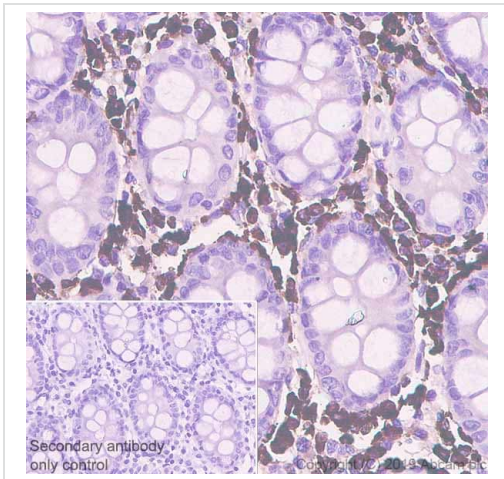


Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue labeling ADAM8 with ab255608 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in human breast cancer (PMID: 24375628, PMID:30635388) Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MS2 antibody [EPR22688-44] (ab255608)



Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling ADAM8 with ab255608 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in immune cells of human colon (PMID: 17270707) The population of positively stained cells depends on cases. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using ab93684 (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MS2 antibody [EPR22688-44] (ab255608)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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