

Product datasheet

Anti-MRP8 + MRP14 antibody [B314.1 (MAC 387)] ab130234

1 References

Overview

Product name	Anti-MRP8 + MRP14 antibody [B314.1 (MAC 387)]
Description	Mouse monoclonal [B314.1 (MAC 387)] to MRP8 + MRP14
Host species	Mouse
Species reactivity	Reacts with: Mouse, Rat, Rabbit, Guinea pig, Cat, Dog, Pig, Monkey, Baboon
Immunogen	Affinity purified monocyte membrane preparation.
Positive control	Human tonsil, lymph Node or spleen tissues.
General notes	<p>Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.</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> <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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Please see notes section.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.88% Sodium chloride, Dialysed media, Fetal calf serum, 0.24% Tris, 0.12% Boric Acid, Carrier protein, Carrier polysaccharides
Purity	Immunogen affinity purified
Clonality	Monoclonal
Clone number	B314.1 (MAC 387)
Isotype	IgG1

Target

Relevance	MRP8 and MRP14 are members of the S100 family of proteins containing 2 EF hand calcium binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21.
Cellular localization	Cytoplasmic and Nuclear

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