

Product datasheet

Anti-RHCE antibody [109] ab80716

Overview

Product name	Anti-RHCE antibody [109]
Description	Mouse monoclonal [109] to RHCE
Host species	Mouse
Specificity	Recognizes human Rho(C) antigen of the Rhesus system system of blood typing. Anti-RhoC variants reactivity: R1R2, R1RZ, R1wR1w, R1wr, rwr, Cw, R1wR1x, Cx, rsr. Does not crossreact with other Rhesus antigens. The immunogen (RhoC) bears no relationship to the RhoC-GTPase which is an oncogenic protein (RHOC). The clone number has been updated from (1V008) to (109) both clone numbers name the same antibody clone.
Species reactivity	Reacts with: Human
Immunogen	Peripheral blood lymphocytes from hyperimmune anti-C donor transformed by Epstein-Barr virus.
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
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Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 1.74% Sodium chloride, 0.0365% EDTA, 40% Glycerol
Purity	Protein A purified
Clonality	Monoclonal
Clone number	109
Myeloma	x63-Ag8.653
Isotype	IgM

Applications

Application notes	<p>Direct Agg: Use at an assay dependent dilution. Slide test, tube test and microplate test.</p> <p>ELISA: Use at an assay dependent dilution.</p> <p>Flow Cyt: Use at an assay dependent dilution.</p> <p>IHC-P: Use at an assay dependent dilution. Antigen retrieval is recommended.</p> <p>IHC-Fr: Use at an assay dependent dilution.</p> <p>IP: Use at an assay dependent dilution.</p> <p>WB: Use at an assay dependent dilution. Predicted molecular weight: 22 kDa.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>
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Target

Relevance	<p>The Rh blood group system is the second most clinically significant of the blood groups, second only to ABO. It is also the most polymorphic of the blood groups, with variations due to deletions, gene conversions, and missense mutations. The Rh blood group includes this gene which encodes both the RhC and RhE antigens on a single polypeptide and a second gene which encodes the RhD protein. The classification of Rh-positive and Rh-negative individuals is determined by the presence or absence of the highly immunogenic RhD protein on the surface of erythrocytes. A mutation in this gene results in amorph-type Rh-null disease. There are thirteen named isoforms.</p>
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Cellular localization	Membrane; Multi-pass membrane protein.
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