

Product datasheet

Biotin Anti-ICAM1 antibody ab7815

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Overview

Product name	Biotin Anti-ICAM1 antibody
Description	Biotin Rabbit polyclonal to ICAM1
Host species	Rabbit
Conjugation	Biotin
Tested applications	Suitable for: Sandwich ELISA
Immunogen	Full length protein (Human).
General notes	<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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.065% Sodium azide Constituent: 0.1% BSA
Purification notes	0.2 µm filtered
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab7815 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
Sandwich ELISA		Use a concentration of 0.5 µg/ml. Can be paired for Sandwich ELISA with Mouse monoclonal [MEM-111] to ICAM1 (ab2213) . For sandwich ELISA, use this antibody as Detection at 0.5µg/ml with ab2213 as Capture.

Target

Function

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHO G activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

Sequence similarities

Belongs to the immunoglobulin superfamily. ICAM family. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

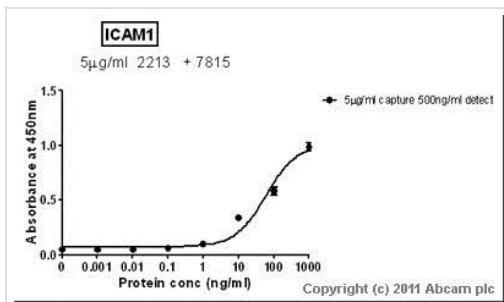
Post-translational modifications

Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.

Cellular localization

Membrane.

Images



Sandwich ELISA - Biotin Anti-ICAM1 antibody (ab7815)

Standard Curve for ICAM1 (Analyte: [ab82125](#)) dilution range 1pg/ml to 1ug/ml using Capture Antibody [Mouse monoclonal \[MEM-111\] to ICAM1 \(ab2213\)](#) at 5ug/ml and Detector Antibody [Rabbit polyclonal to ICAM1 \(Biotin\) \(ab7815\)](#) at 0.5ug/ml

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