



Product datasheet

Anti-ICAM2 antibody ab231097

7 Images

Overview

Product name	Anti-ICAM2 antibody
Description	Rabbit polyclonal to ICAM2
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat
Immunogen	Recombinant fragment (His-T7-tag) corresponding to Rat ICAM2 aa 1-250. Expressed in E.coli. N-terminal tags. Database link: Q6AXM6
	 Run BLAST with  Run BLAST with
Positive control	IHC-P: Rat liver, stomach, small intestine, heart, lung and adrenal gland tissues. WB: Recombinant rat ICAM2 protein.
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). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Purification notes	ab231097 was purified by antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231097 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
WB		Use a concentration of 0.5 - 5 µg/ml. Predicted molecular weight: 31 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

Function

ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). ICAM2 may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

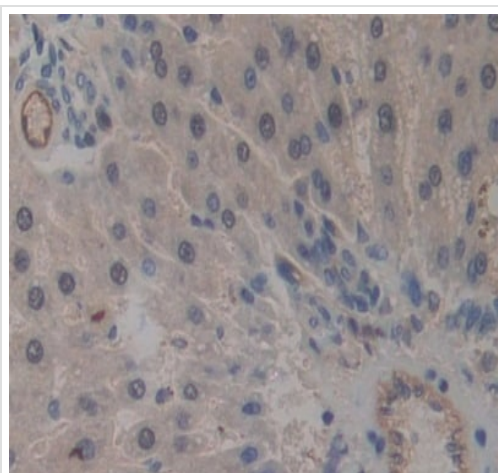
Sequence similarities

Belongs to the immunoglobulin superfamily. ICAM family.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.

Cellular localization

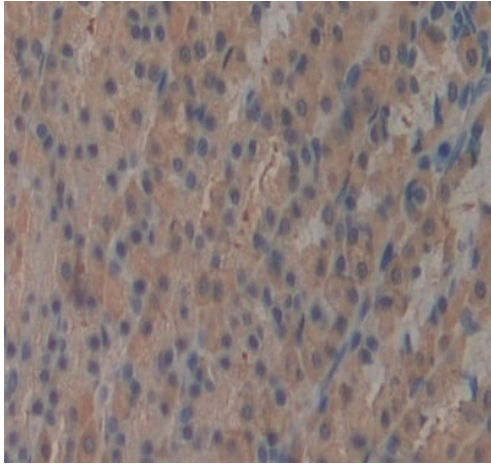
Membrane.

Images



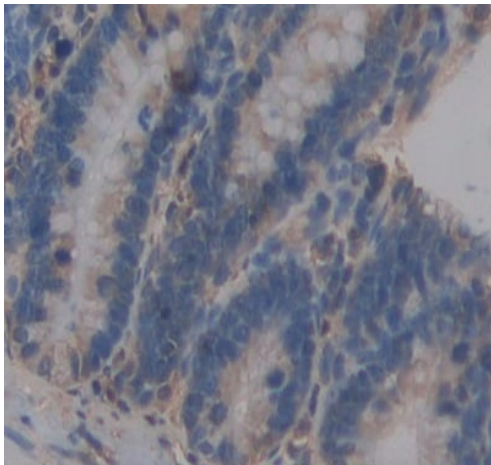
Paraffin-embedded rat liver tissue stained for ICAM2 using ab231097 at 10 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)



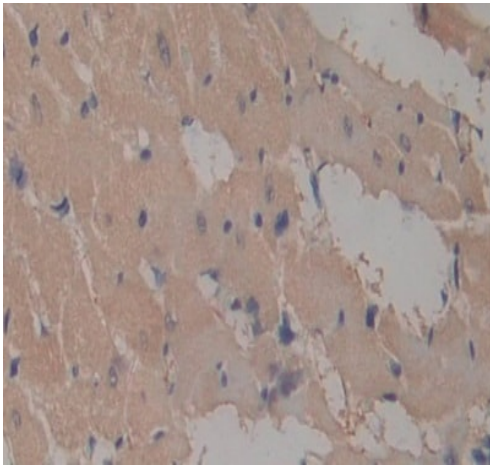
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)

Paraffin-embedded rat stomach tissue stained for ICAM2 using ab231097 at 20 µg/ml in immunohistochemical analysis. DAB staining.



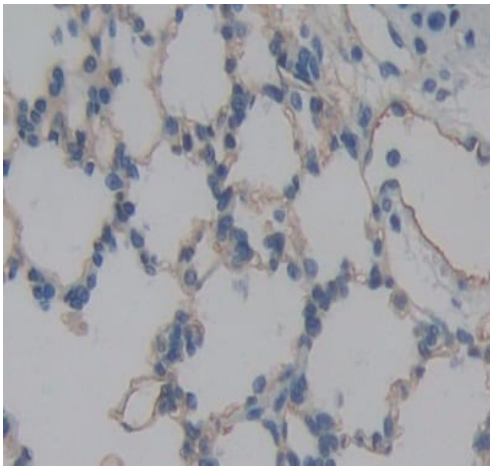
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)

Paraffin-embedded rat small intestine tissue stained for ICAM2 using ab231097 at 20 µg/ml in immunohistochemical analysis. DAB staining.



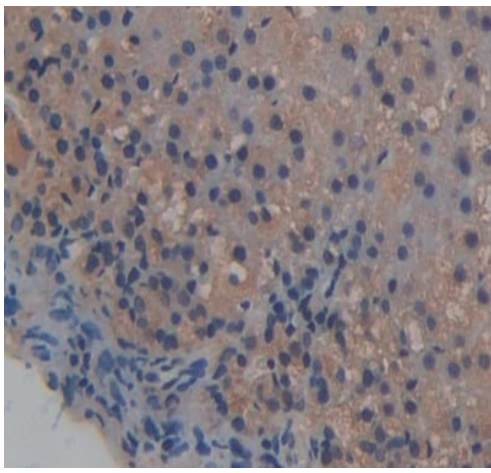
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)

Paraffin-embedded rat heart tissue stained for ICAM2 using ab231097 at 20 µg/ml in immunohistochemical analysis. DAB staining.



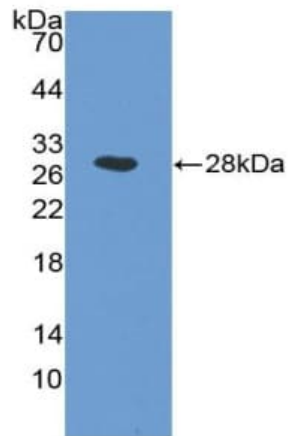
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)

Paraffin-embedded rat lung tissue stained for ICAM2 using ab231097 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Paraffin-embedded rat adrenal gland tissue stained for ICAM2 using ab231097 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM2 antibody (ab231097)



Anti-ICAM2 antibody (ab231097) at 3 µg/ml + Recombinant rat ICAM2 protein

Predicted band size: 31 kDa

Western blot - Anti-ICAM2 antibody (ab231097)

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

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