



Product datasheet

Anti-ICAM5 antibody ab232785

1 References 4 Images

Overview

Product name	Anti-ICAM5 antibody
Description	Rabbit polyclonal to ICAM5
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Human, Pig
Immunogen	<p>Recombinant fragment corresponding to Human ICAM5 aa 409-674. Expressed in E. coli. N-terminal GST-tag and His-tag.</p> <p>Sequence:</p> <pre> RLDDSDCPRSWTWPEGPEQTLRCEARGNPEPSVHCAR SDGGAVLALGLLG PVTRALSGTYRCKAANDQGEAVKDVTLTVEYAPALDSVG CPERITWLEGT EASLSCVAHGVPPPDPVICVRSGELGAVIEGLLRVAREHAG TYRCEATNPR GSAAKNVAVTVEYGRFEEPPSCPSNWTWVEGSGRLFSC EVDGKPQPSVKC VGSGGATEGVLLPLAPPDPSRAPRIPRVLAPGMVCNAT NRHGSAKTVVSAESPPEMDESTCP </pre> <p>Database link: Q9UMF0</p> <p style="text-align: right;">   </p>
Positive control	IHC-P: Human brain tissue. WB: Recombinant human ICAM5 protein. Mouse and pig cerebrum lysate.
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>

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.

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: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab232785** in the following tested applications.

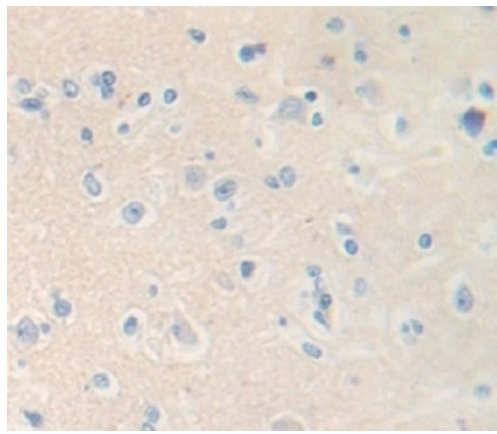
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.2 - 2 µg/ml.
IHC-P		Use a concentration of 5 - 20 µg/ml.

Target

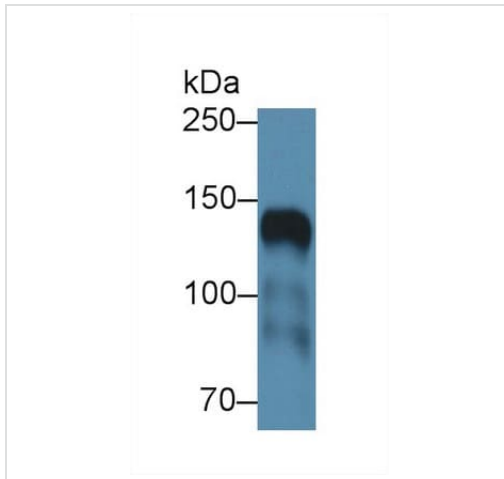
Relevance ICAM5 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is expressed on the surface of telencephalic neurons and displays two types of adhesion activity, homophilic binding between neurons and heterophilic binding between neurons and leukocytes. It may be a critical component in neuron-microglial cell interactions in the course of normal development or as part of neurodegenerative diseases.

Cellular localization Membrane; single-pass type I membrane protein



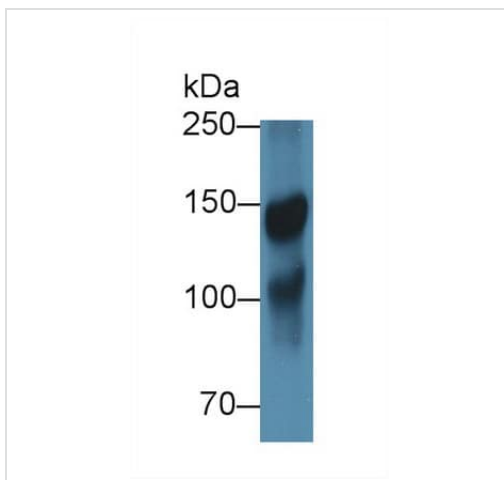
Formalin-fixed, paraffin-embedded human brain tissue stained for ICAM5 with ab232785 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICAM5 antibody (ab232785)



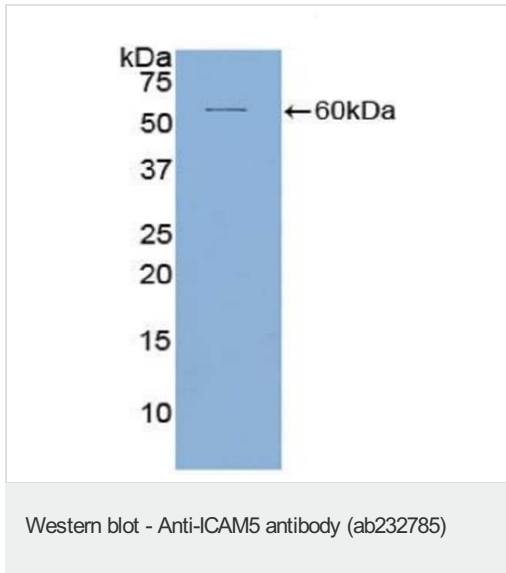
Anti-ICAM5 antibody (ab232785) at 1 µg/ml + Mouse cerebrum lysate

Western blot - Anti-ICAM5 antibody (ab232785)



Anti-ICAM5 antibody (ab232785) at 1 µg/ml + Pig cerebrum lysate

Western blot - Anti-ICAM5 antibody (ab232785)



Anti-ICAM5 antibody (ab232785) at 2 µg/ml + Recombinant human ICAM5 protein

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

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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