

Product Datasheet

ICAM-5 Antibody NB100-53815

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 3

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NB100-53815

ICAM-5 Antibody

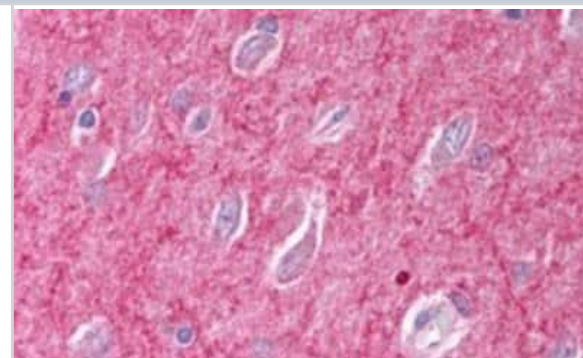
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat ICAM-5 Antibody (NB100-53815) is a polyclonal antibody validated for use in IHC and ELISA. Anti-ICAM-5 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7087
Gene Symbol	ICAM5
Species	Human
Immunogen	Peptide with sequence C-ESPAEGEVFAIQ corresponding to C-Terminus according to NP_003250.3.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 2 - 4 ug/ml, Immunohistochemistry-Paraffin 2 - 4 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Preliminary experiments gave an approx. 200-250 kDa band in lysates of human brain (frontal cortex and hippocampus) and mouse brain after 0.05 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 97.2 kDa band according to NP_003250.2. The 200-250 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human brain (cerebral cortex) shows axon/dendrite staining leaving cell bodies relatively unstained.

Images

Immunohistochemistry-Paraffin: ICAM-5 Antibody [NB100-53815] - Analysis of ICAM5 precursor in paraffin-embedded Human Brain (Cerebral Cortex) using this antibody at 2.5 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Perez-Straziota C, Gaster RN, Rabinowitz YS. CORNEAL CROSS-LINKING FOR PEDIATRIC KERATOCOCHUS REVIEW *Cornea* 2018-06-01 [PMID: 29601364]

Apostolo N, Smukowski Sn, Vanderlinden J Synapse type-specific proteomic dissection identifies IgSF8 as a hippocampal CA3 microcircuit organizer *Nat Commun* 2020-10-15 [PMID: 33057002]

Yoshihara Y, Oka S, Nemoto Y et al. An ICAM-related neuronal glycoprotein, telencephalin, with brain segment-specific expression. *Neuron* 1994-03-01 [PMID: 7794412]





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Products Related to NB100-53815

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-05774-50ug	Recombinant Human ICAM-5 hIgG-His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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