Product Datasheet

ADAM12 Antibody
NB300-889

Unit Size: 0.1 mg

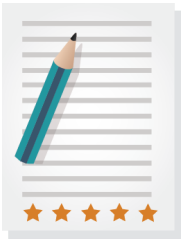
Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-889

Updated 9/9/2025 v.20.1



NB300-889

ADAM12 Antibody

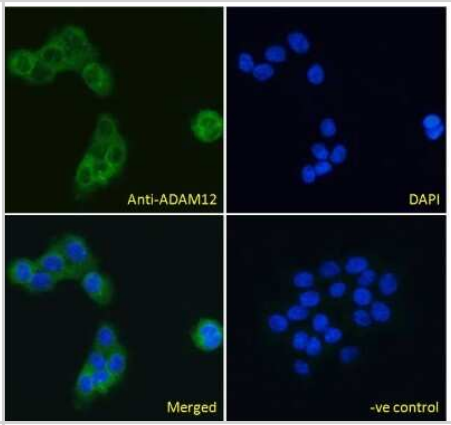
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	100 kDa

Product Description	
Description	Novus Biologicals Goat ADAM12 Antibody (NB300-889) is a polyclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-ADAM12 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8038
Gene Symbol	ADAM12
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23124962).
Specificity/Sensitivity	This antibody is expected to recognise both the longer membrane-bound form of human ADAM12 (NP_003465.3) and the shorter soluble ADAM12 splice isoform (NP_067673.2). This antibody does not cross-react with other ADAMS.
Immunogen	Peptide with sequence AARPLPVSPARALC corresponding to N-Terminus according to NP_003465.3, NP_067673.2.

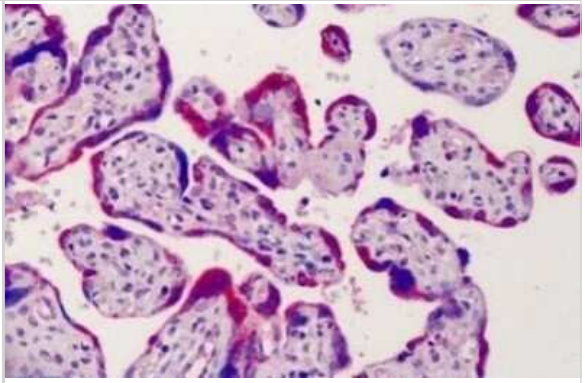
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10ug/ml, Immunohistochemistry 3.7 ug/ml, Immunocytochemistry/ Immunofluorescence 10ug/ml, Immunohistochemistry-Paraffin 3.7 ug/ml, Peptide ELISA Detection limit 1:64000

Images

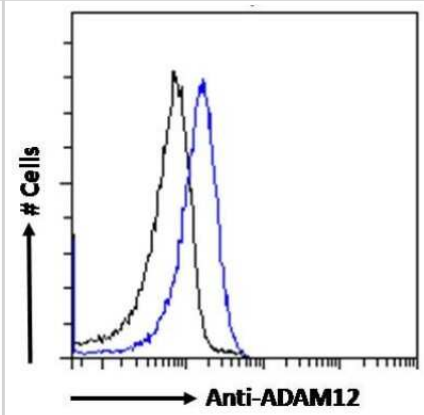
Immunocytochemistry/Immunofluorescence: ADAM12 Antibody [NB300-889] - Analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic/plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



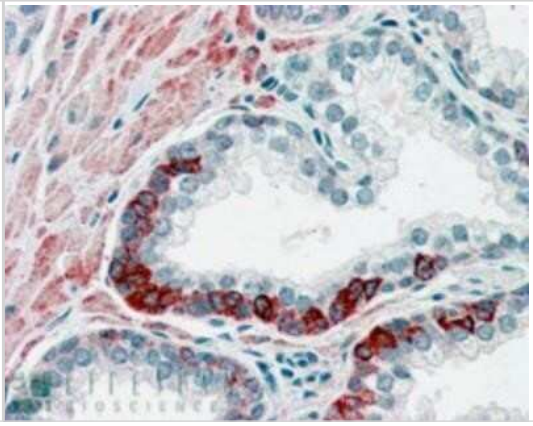
Immunohistochemistry-Paraffin: ADAM12 Antibody [NB300-889] - Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: ADAM12 Antibody [NB300-889] - Analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (0.4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: ADAM12 Antibody [NB300-889] - Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

M Sobecki, J Chen, E Krzywinska, S Nagarajan, Z Fan, E Nelius, JM Monné Rodr, F Seehusen, A Hussein, G Moschini, EY Hajam, R Kiran, D Gotthardt, J Debbache, C Badoual, T Sato, T Isagawa, N Takeda, C Tanchot, E Tartour, A Weber, S Werner, J Loffing, L Sommer, V Sexl, C Münz, C Feghali-Bo, E Pachera, O Distler, J Snedeker, C Jamora, C Stockmann Vaccination-based immunotherapy to target profibrotic cells in liver and lung Cell Stem Cell, 2022-09-15;0(0):. 2022-09-15 [PMID: 36113462]

Chen, J;Sobecki, M;Krzywinska, E;Thierry, K;Masmoudi, M;Nagarajan, S;Fan, Z;He, J;Ferapontova, I;Nelius, E;Seehusen, F;Gotthardt, D;Takeda, N;Sommer, L;Sexl, V;Münz, C;DeNardo, D;Hennino, A;Stockmann, C; Fibrolytic vaccination against ADAM12 reduces desmoplasia in preclinical pancreatic adenocarcinomas EMBO molecular medicine 2024-10-30 [PMID: 39478152]

Galliano MF, Huet C, Frygelius J et al. Binding of ADAM12, a marker of skeletal muscle regeneration, to the muscle-specific actin-binding protein, alpha -actinin-2, is required for myoblast fusion. J Biol Chem 2000-05-05 [PMID: 10788519]

Isozaki T, Rabquer BJ, Ruth JH et al. ADAM-10 is overexpressed in rheumatoid arthritis synovial tissue and mediates angiogenesis Arthritis Rheum 2013-01-01 [PMID: 23124962] (IF/IHC, Mouse, Human)

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Products Related to NB300-889

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
NBP1-82791PEP	ADAM12 Recombinant Protein Antigen

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.

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