

Product Datasheet

ADAM8 Antibody NB100-1017

Unit Size: 0.1 mg

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

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NB100-1017

ADAM8 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	89 kDa

Product Description	
Host	Goat
Gene ID	101
Gene Symbol	ADAM8
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 and 3 (NP_001100.3; NP_001157962.1).
Immunogen	Peptide with sequence C-QRKQGAGAPTAP corresponding to C-Terminus according to NP_001100.3, NP_001157962.1.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Flow Cytometry 10 ug/ml, ELISA Detection limit 1:16000, Immunohistochemistry 6-8 ug/ml, Immunohistochemistry-Paraffin 6-8 ug/ml
Application Notes	Approx. 90kDa band observed in lysates of cell line Caco-2, approx. 80kDa in Human Duodenum lysates and approx. 85kDa in preliminary testing of MCF7 cell lysate (calculated MW of 88.8kDa according to NP_001100.3 and 78.8kDa according to NP_001157962.1).

Images

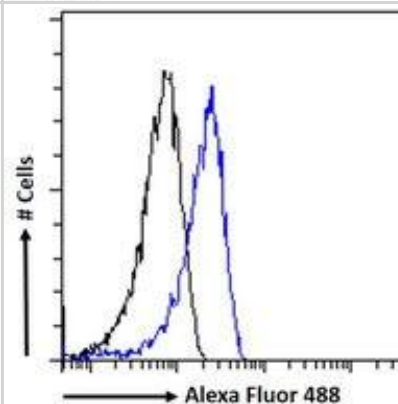
Western Blot: Goat Polyclonal ADAM8 Antibody [NB100-1017] - (1µg/ml) staining of Caco-2 cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Western Blot: Goat Polyclonal ADAM8 Antibody [NB100-1017] - (1 μ g/ml) staining of Human Duodenum lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
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75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

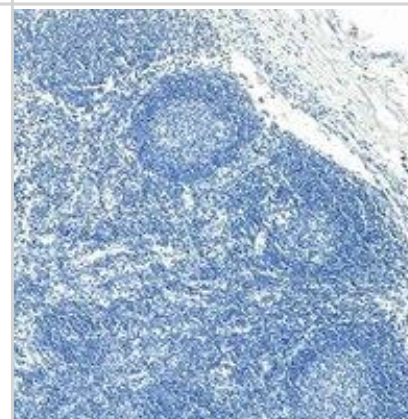
Flow Cytometry: Goat Polyclonal ADAM8 Antibody [NB100-1017] - Flow cytometric analysis of paraformaldehyde fixed Caco-2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (1 μ g/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: Goat Polyclonal ADAM8 Antibody [NB100-1017] - (6 μ g/ml) staining of paraffin embedded Human Lymph Node. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Control: Goat Polyclonal ADAM8 Antibody [NB100-1017] - Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



Publications

Yoshiyama K, Higuchi Y, Kataoka M et al. CD156 (human ADAM8): expression, primary amino acid sequence, and gene location. *Genomics* 1997-04-01 [PMID: 9126482]



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Products Related to NB100-1017

NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
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

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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