

Product Datasheet

CD97 Antibody - BSA Free NBP1-86935

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-86935

CD97 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

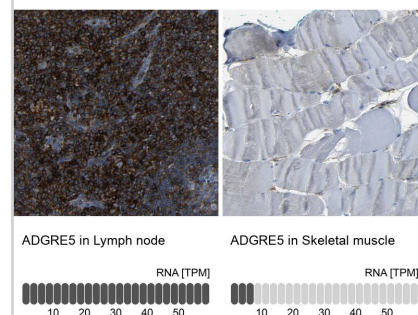
Description	Novus Biologicals Rabbit CD97 Antibody - BSA Free (NBP1-86935) is a polyclonal antibody validated for use in IHC and WB. Anti-CD97 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	976
Gene Symbol	ADGRE5
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24949957).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RDSKTSSAEVTIQNVIKLVDELMEAPGDVEALAPPVRHLIATQLLSNLEDIMRILA KSLPKGPFTYISPSNTELTLMIQERGDKNVTMGQ

Product Application Details

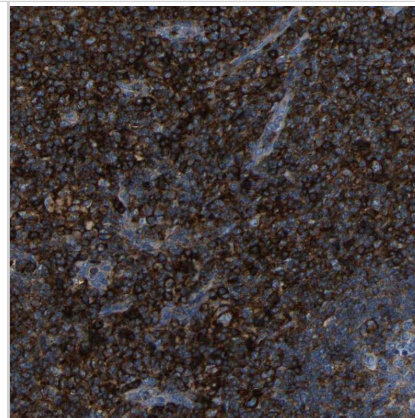
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	WB reported in scientific literature (PMID: 24949957). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

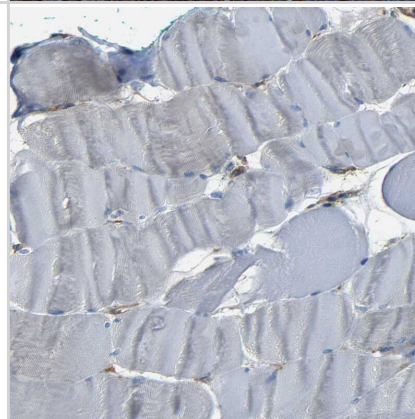
Analysis in human lymph node and skeletal muscle tissues
Corresponding ADGRE5 RNA-seq data are presented for the same tissues.



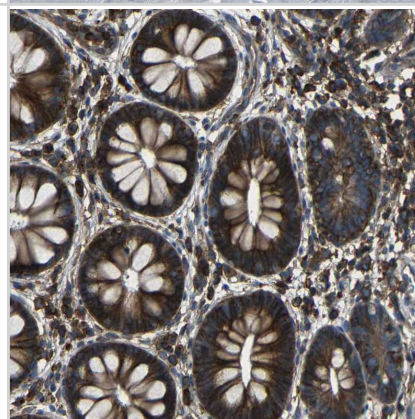
Staining of human lymph node shows strong membranous positivity in non-germinal center cells.



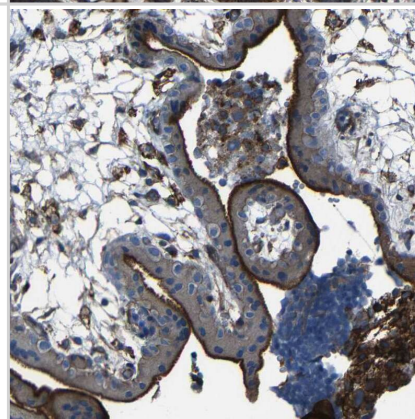
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human rectum shows strong cytoplasmic positivity in glandular cells.



Staining of human placenta shows strong positivity in microvilli in trophoblastic cells.



Publications

Zyryanova T, Schneider R, Adams V et al. Skeletal Muscle Expression of the Adhesion-GPCR CD97: CD97 Deletion Induces an Abnormal Structure of the Sarcoplasmatic Reticulum but Does Not Impair Skeletal Muscle Function. PLoS One 2014-01-01 [PMID: 24949957] (WB, Mouse)



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Products Related to NBP1-86935

NBP1-86935PEP	CD97 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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