

Product Datasheet

CD97 Antibody - BSA Free NBP2-24552

Unit Size: 0.1 mg

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

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Publications: 2

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NBP2-24552

CD97 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 0.2% Gelatin

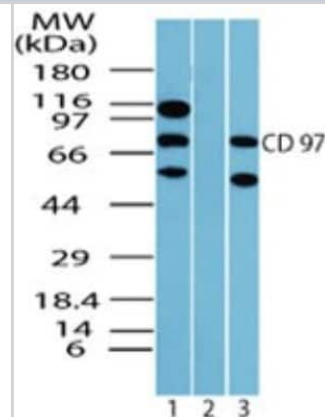
Product Description	
Description	Novus Biologicals Rabbit CD97 Antibody - BSA Free (NBP2-24552) is a polyclonal antibody validated for use in IHC, WB and Simple Western. Anti-CD97 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	976
Gene Symbol	ADGRE5
Species	Human, Mouse, Primate
Immunogen	A portion of amino acids 220-270 of human Leukocyte Antigen CD97 was used as the immunogen

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 3-5 ug/ml, Simple Western 1:10, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/ml
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in NIH-3T3 lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:10, apparent MW was 81 kDa.

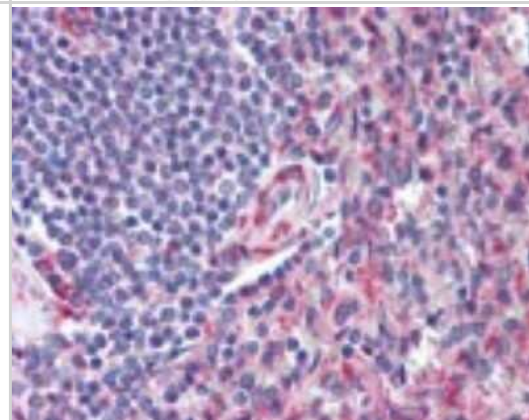


Images

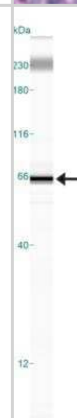
Western Blot: CD97 Antibody [NBP2-24552] - Analysis of human Leukocyte Antigen CD97 in K562 cell lysate in the 1) absence and 2) presence of immunizing peptide, and 3) NIH 3T3 cell lysate using NBP2-24552 at 4 ug/ml.



Immunohistochemistry-Paraffin: CD97 Antibody [NBP2-24552] - IHC analysis of human spleen using NBP2-24552 at 10 ug/ml.



Simple Western: CD97 Antibody [NBP2-24552] - Simple Western lane view shows a specific band for CD97 in 0.5 mg/ml of NIH-3T3 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

He Y, Xu L, Feng M, Wang W. Role of CD97 small isoform in human cervical carcinoma Int J Exp Pathol 2019-03-18 [PMID: 30883974] (WB, Human)

Becker S, Wandel E, Wobus M et al. Overexpression of CD97 in intestinal epithelial cells of transgenic mice attenuates colitis by strengthening adherens junctions. PLoS One. 2010-01-13 [PMID: 20084281]



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Products Related to NBP2-24552

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