

Product Datasheet

Collagen VII Antibody (LH7.2) NBP3-07751-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07751-100ug

Collagen VII Antibody (LH7.2)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	LH7.2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	290 kDa

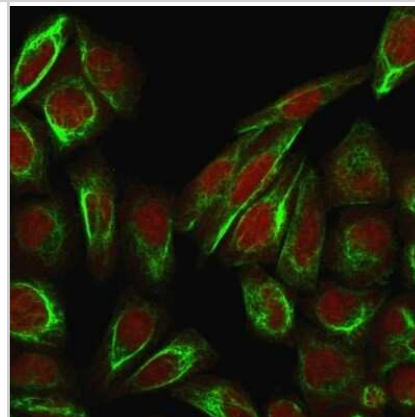
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08278) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1294
Gene Symbol	COL7A1
Species	Human, Bovine, Equine, Guinea Pig, Goat, Sheep
Specificity/Sensitivity	Recognizes an epitope located on collagenase digested Type VII collagen (150kDa), i.e. the non-helical carboxyl terminal region of the dimer. Binding is localized at the inferior border of the lamina densa as demonstrated by immunoelectron microscopy. Type VII is also found in the retina, where its function is unknown. It interacts with Laminin 5 and Fibronectin. Collagen VII is a stratified squamous epithelial basement membrane protein that forms anchoring fibrils which may contribute to epithelial basement membrane organization and adherence by interacting with extracellular matrix (ECM) proteins such as type IV collagen.
Immunogen	Recombinant full-length human Collagen VII protein (Uniprot: Q02388)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	ELISA: For coating, order antibody without BSA). Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

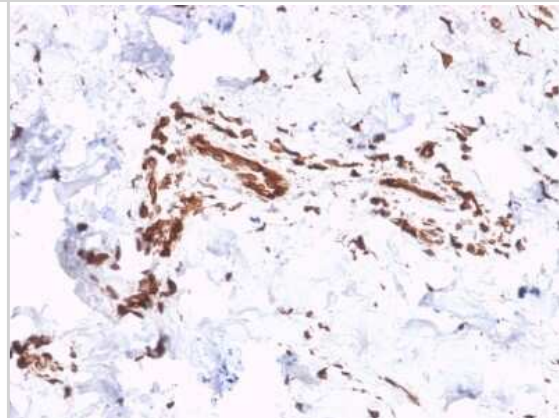


Images

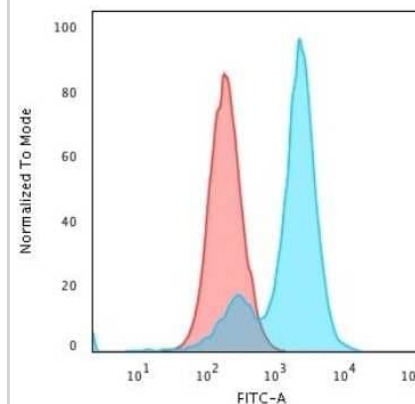
Immunocytochemistry/Immunofluorescence: Collagen VII Antibody (LH7.2) [NBP3-07751] - Immunofluorescence Analysis of PFA-fixed HeLa cells labeling Collagen VII using Collagen VII Mouse Monoclonal Antibody (LH7.2) followed by goat anti- Mouse IgG-CF488 (Green). The nuclear counterstain is RedDot.



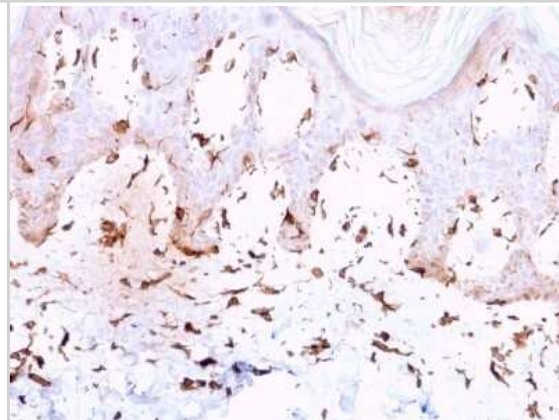
Immunohistochemistry-Paraffin: Collagen VII Antibody (LH7.2) [NBP3-07751] - Formalin-fixed, paraffin-embedded human Skin stained with Collagen VII Mouse Monoclonal Antibody (LH7.2).



Flow Cytometry: Collagen VII Antibody (LH7.2) [NBP3-07751] - Flow Cytometric Analysis of PFA-fixed HeLa cells using Collagen VII Mouse Monoclonal Antibody (LH7.2) followed by goat anti- Mouse IgG-CF488 (Blue); Isotype Control (Red)



Immunohistochemistry-Paraffin: Collagen VII Antibody (LH7.2) [NBP3-07751] - Formalin-fixed, paraffin-embedded human Skin stained with Collagen VII Mouse Monoclonal Antibody (LH7.2).





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Products Related to NBP3-07751-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-37900PEP	Collagen VII 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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