

Product Datasheet

Collagen VII Antibody (LH7.2) - Azide and BSA Free NBP3-08278

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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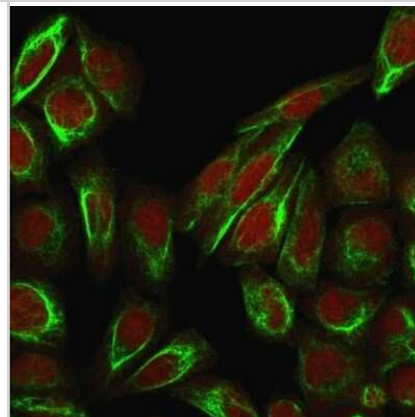
NBP3-08278

Collagen VII Antibody (LH7.2) - Azide and BSA Free

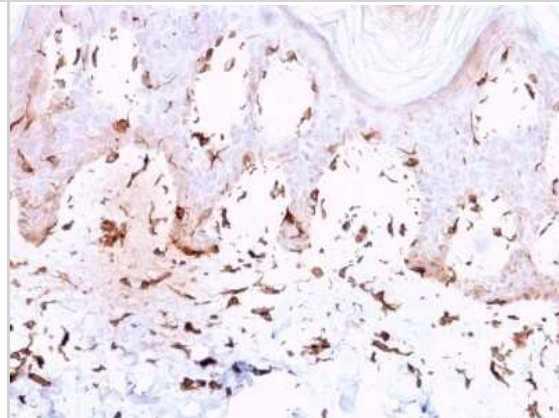
| Product Information | |
|------------------------------------|---|
| Unit Size | 100 ug |
| Concentration | 1 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | LH7.2 |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 290 kDa |
| Product Description | |
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07751). 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 |
| Application Notes | ELISA: For coating, order antibody without BSA |

Images

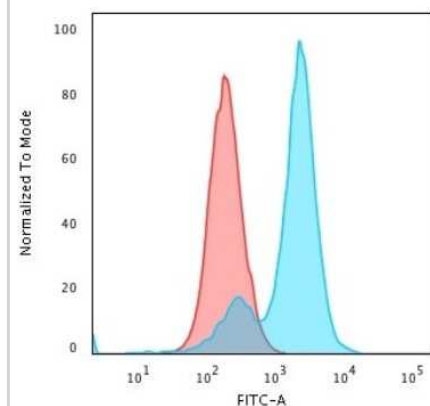
Immunocytochemistry/Immunofluorescence: Collagen VII Antibody (LH7.2) - Azide and BSA Free [NBP3-08278] - Immunofluorescence Analysis of PFA-fixed HeLa cells labeling Collagen VII using Collagen VII Mouse Monoclonal Antibody (LH7.2) followed by goat anti- Mouse IgG-CF488 (Green). The nuclear counterstain is RedDot.



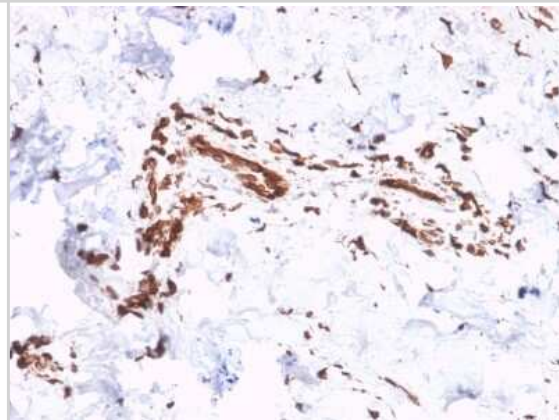
Immunohistochemistry-Paraffin: Collagen VII Antibody (LH7.2) - Azide and BSA Free [NBP3-08278] - Formalin-fixed, paraffin-embedded human Skin stained with Collagen VII Mouse Monoclonal Antibody (LH7.2).



Flow Cytometry: Collagen VII Antibody (LH7.2) - Azide and BSA Free [NBP3-08278] - 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) - Azide and BSA Free [NBP3-08278] - Formalin-fixed, paraffin-embedded human Skin stained with Collagen VII Mouse Monoclonal Antibody (LH7.2).





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Products Related to NBP3-08278

| | |
|------------------|---|
| 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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