

# Product Datasheet

## Collagen VII Antibody (LH7.2) [mFluor Violet 610 SE] NBP3-08278MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08278MFV610**

Collagen VII Antibody (LH7.2) [mFluor Violet 610 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	LH7.2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	mFluor Violet 610 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
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)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Collagen VII Antibody (LH7.2) [mFluor Violet 610 SE] [NBP3-08278MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.





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### **Products Related to NBP3-08278MFV610**

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NBP2-37900PEP	Collagen VII Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-75881	Human Collagen VII ELISA Kit (Chemiluminescence)
NB600-408-0.1mg	Collagen I Antibody

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### **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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