

Product Datasheet

Collagen I Antibody [Janelia Fluor® 646] NB600-408JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-408JF646

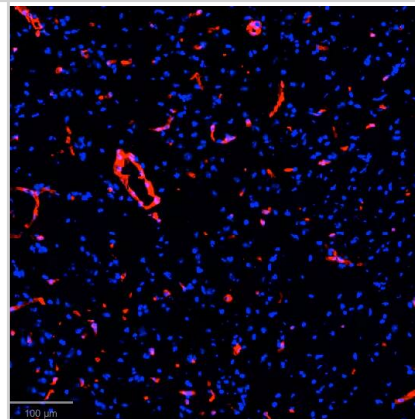
Collagen I Antibody [Janelia Fluor® 646]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Janelia Fluor 646
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human, Mouse, Rat, Porcine, Bovine, Rabbit
Reactivity Notes	This antibody reacts with human, bovine, and most mammalian Type I collagens with negligible cross-reactivity with Type II, III, IV, V or VI collagens Use in Mouse reported in scientific literature (PMID: 33758176).
Specificity/Sensitivity	Some class-specific anti-collagens may be specific for three-dimensional epitopes which may result in diminished reactivity with denatured collagen or formalin-fixed, paraffin embedded tissues. This antibody reacts with most mammalian Type I collagens and has expected cross-reactivity with Type III and negligible cross reactivity with Type II, IV, V or VI collagens. Non-specific cross-reaction of anti-collagen antibodies with other human serum proteins or non-collagen extracellular matrix proteins has not been tested.
Immunogen	Collagen I from human and bovine placenta (Uniprot: P02452)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray, SDS-Page, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, SDS-Page, Fluorophore-linked immunosorbent assay, Microarray, Knockdown Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Immunohistochemistry-Frozen: Collagen I Antibody [Janelia Fluor® 646] [NB600-408JF646] - Cryopreserved murine brain tissue stained with Collagen I Antibody [Alexa Fluor® 647] (Catalog # NB600-408AF647) (red) and Hoechst (blue). Image from a verified customer review.





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Products Related to NB600-408JF646

NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
NBP1-97266	Collagen I Native Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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