

# Product Datasheet

## Calponin 1 Antibody (CNN1/4227R) [Janelia Fluor® 646] NBP3-08462JF646

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08462JF646**

Calponin 1 Antibody (CNN1/4227R) [Janelia Fluor® 646]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	CNN1/4227R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	1264
Gene Symbol	CNN1
Species	Human
Marker	Smooth Muscle Marker
Specificity/Sensitivity	Calponin a 33 kDa polypeptide, is a cytoskeleton-associated actin-binding protein that also interacts tropomyosin and calmodulin. Calponin antibody has been found to be useful as a marker for myoepithelial and basal lamina in differentiating microinvasive from in situ ductal carcinomas of the breast. Calponin antibody may also have applications in malignant myoepithelium and pleomorphic adenoma of salivary gland as well as a useful marker for fine needle aspirates of papillary breast lesions. The antibody has been found in tissue extracts from smooth muscle, but not in fibroblast extracts.
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of human Calponin 1 was used as an immunogen. (Uniprot: P51911)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08462JF646**

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NBP2-24891JF646	Rabbit IgG Isotype Control [Janelia Fluor 646]
NBP1-98945-100ug	Recombinant Human Calponin 1 His Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]
NBL1-09314	Calponin 1 Overexpression Lysate

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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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