

Product Datasheet

Cytokeratin 7 Antibody (KRT7/1198) [Janelia Fluor® 669] NBP2-47944JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47944JF669

Cytokeratin 7 Antibody (KRT7/1198) [Janelia Fluor® 669]

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	KRT7/1198
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 669
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3855
Gene Symbol	KRT7
Species	Human, Rat
Marker	Glandular and Transitional Epithelial Marker
Specificity/Sensitivity	It recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This monoclonal antibody is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This monoclonal antibody is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).
Immunogen	Recombinant full-length human Cytokeratin 7 protein (Uniprot: P08729)
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-47944JF669

NBP1-43319JF669	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [Janelia Fluor 669]
H00003855-P01-10ug	Recombinant Human Cytokeratin 7 GST (N-Term) Protein
NBL1-12396	Cytokeratin 7 Overexpression Lysate
NB300-223	Vimentin Antibody

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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