

For Research Use Only

CoraLite®594-conjugated Cytokeratin 13 Monoclonal antibody



Catalog Number:CL594-66684

Basic Information

Catalog Number: CL594-66684	GenBank Accession Number: BC002661	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3860	CloneNo.: 1E10G2
Source: Mouse	Full Name: keratin 13	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 50 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG0217	Observed MW: 50 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human cervical cancer tissue,
Species Specificity: Human, rat	

Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. The Keratin 13 (KRT13) gene encodes a type I acidic keratin which is expressed in the differentiated cells of non-cornified stratified squamous epithelia.

Storage

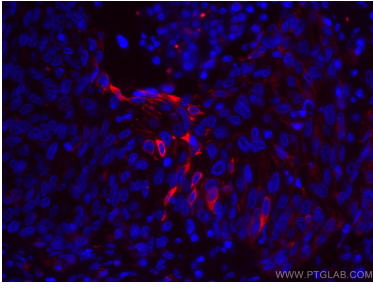
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

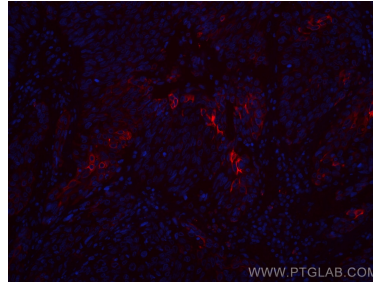
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human cervical cancer tissue using CoraLite®594 Cytokeratin 13 antibody (CL594-66684, Clone: 1E10G2) at dilution of 1:100.



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