

For Research Use Only

CoraLite®532-conjugated Cytokeratin 18 Monoclonal antibody

Catalog Number:CL532-66187



Basic Information

Catalog Number: CL532-66187	GenBank Accession Number: BC000180	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3875	CloneNo.: 1G11C4
Source: Mouse	UNIPROT ID: P05783	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: keratin 18	Excitation/Emission maxima wavelengths: 537 nm / 560 nm
Immunogen Catalog Number: AG1260	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse, 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. KRT18, also named as CYK18, PIG46 and K18, is the most commonly found members of the intermediate filament gene family. KRT18 is a type I keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas.

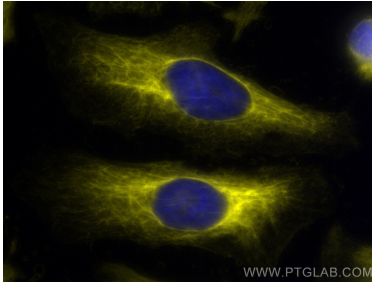
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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
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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 (-20°C Ethanol) fixed HeLa cells using CoraLite®532 Cytokeratin 18 antibody (CL532-66187, Clone: 1G11C4) at dilution of 1:200.