

For Research Use Only

CoraLite® Plus 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 | Full Name: keratin 18 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Calculated MW: 48 kDa | |
| Immunogen Catalog Number: AG1260 | Observed MW: 48 kDa | |

Applications

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|--|---|
| Tested Applications: IF | Positive Controls: IF : 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

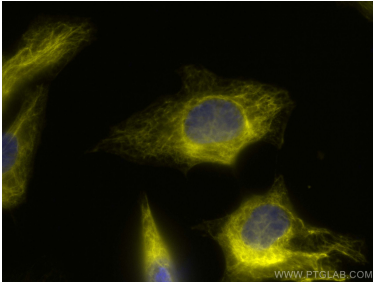
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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® Plus 532 Cytokeratin 18 antibody (CL532-66187, Clone: 1G11C4) at dilution of 1:200.