

# CoraLite®568-conjugated Cytokeratin 18 Monoclonal antibody

Catalog Number: **CL568-66187**

## Basic Information

<b>Catalog Number:</b> CL568-66187	<b>GenBank Accession Number:</b> BC000180	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3875	<b>CloneNo.:</b> 1G11C4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P05783	<b>Excitation/Emission maxima wavelengths:</b> 568 nm / 587 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> keratin 18	
<b>Immunogen Catalog Number:</b> AG1260	<b>Calculated MW:</b> 48 kDa	

## Applications

**Tested Applications:**  
**Species Specificity:**  
human

## 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

For technical support and original validation data for this product please contact:  
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