

# YF488-conjugated Cytokeratin 18 Monoclonal ANTIBODY

Catalog Number: YF488-66187

## Basic Information

Catalog Number:  
YF488-66187Size:  
100 µg/100 µlSource:  
MouseIsotype:  
IgG1Purification Method:  
Protein G purificationImmunogen Catalog Number:  
AG1260GenBank Accession Number:  
BC000180GeneID (NCBI):  
3875Full Name:  
keratin 18Calculated MW:  
48 kDa

Observed MW:

Recommended Dilutions:  
IF 1:50-1:500

## Applications

Tested Applications:  
IF, ELISASpecies Specificity:  
human

Positive Controls:

IF : HepG2 cells;

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
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## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS buffer with 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this

product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed HepG2 cells using YF488-66187  
(Cytokeratin 18 antibody) at dilution of 1:100.