

## Keratin 18 Conjugated Monoclonal Antibody

Catalog No: #C27178



Package Size: #C27178-AF350 100ul #C27178-AF405 100ul #C27178-AF488 100ul  
 #C27178-AF555 100ul #C27178-AF594 100ul #C27178-AF647 100ul  
 #C27178-AF680 100ul #C27178-AF750 100ul #C27178-Biotin 100ul

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## Description

Product Name	Keratin 18 Conjugated Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of krt18 and does not cross-react with related proteins.
Immunogen Description	Purified recombinant human KRT18 protein fragments expressed in E.coli.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cell proliferation-inducing gene 46 protein; Cytokeratin-18; Keratin-18; krt18;
Accession No.	Swiss-Prot#: P05783NCBI Gene ID:3875
Uniprot	P05783
GeneID	3875;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Involved in the uptake of thrombin-antithrombin complexes by hepatic cells. By similarity. When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

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Note: This product is for in vitro research use only