

# Cell surface glycoprotein MUC18 Polyclonal Conjugated Antibody

Catalog No: #C42523

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #C42523-AF350 100ul #C42523-AF405 100ul #C42523-AF488 100ul

#C42523-AF555 100ul #C42523-AF594 100ul #C42523-AF647 100ul

#C42523-AF680 100ul #C42523-AF750 100ul #C42523-Biotin 100ul

## Description

Product Name	Cell surface glycoprotein MUC18 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Cell surface glycoprotein MUC18 polyclonal antibody.
Immunogen Description	Recombinant Human Cell surface glycoprotein MUC18 Protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Cell surface glycoprotein P1H12,Melanoma cell adhesion molecule,Melanoma-associated antigen A32,Melanoma-associated antigen MUC18,S-endo 1 endothelial-associated antigen,CD_antigen=CD146,MCAM,MUC18
Accession No.	Swiss-Prot#:P43121
Uniprot	P43121
GeneID	4162;
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

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## Background

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Plays a role in cell adhesion, and in cohesion of the endothelial monolayer at intercellular junctions in vascular tissue. Its expression may allow melanoma cells to interact with cellular elements of the vascular system, thereby enhancing hematogeneous tumor spread. Could be an adhesion molecule active in neural crest cells during embryonic development. Acts as surface receptor that triggers tyrosine phosphorylation of FYN and PTK2/FAK1, and a transient increase in the intracellular calcium concentration.

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Note: This product is for in vitro research use only