

## EPCAM Conjugated Antibody

Catalog No: #C36842



Package Size: #C36842-AF350 100ul #C36842-AF405 100ul #C36842-AF488 100ul  
 #C36842-AF555 100ul #C36842-AF594 100ul #C36842-AF647 100ul  
 #C36842-AF680 100ul #C36842-AF750 100ul #C36842-Biotin 100ul

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

## Description

Product Name	EPCAM Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total EPCAM protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human epithelial cell adhesion molecule
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ESA, KSA, M4S1, MK-1, DIAR5, EGP-2, EGP40, KS1/4, MIC18, TROP1, EGP314, HNPCC8, TACSTD1
Accession No.	Swiss-Prot#:P16422NCBI Gene ID:4072NCBI Protein#:NP_002345
Uniprot	P16422
GeneID	4072;
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

---

This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. EpCAM is a pan-epithelial differentiation antigen that is expressed on almost all carcinomas. Its constitutional function is being elucidated. It is intricately linked with the Cadherin-Catenin pathway and hence the fundamental WNT pathway responsible for intracellular signalling and polarity. It has been used as an immunotherapeutic target in the treatment of gastrointestinal, urological and other carcinomas. It is expressed in undifferentiated pluripotent stem cells.tufting enteropathy.

---

Note: This product is for in vitro research use only