4E-BP1/2/3 (Phospho-Thr 45) Conjugated Antibody

Catalog No: #C13321

Package Size: #C13321-AF350 100ul #C13321-AF405 100ul #C13321-AF488 100ul #C13321-AF555 100ul #C13321-AF594 100ul #C13321-AF647 100ul #C13321-AF680 100ul #C13321-AF750 100ul #C13321-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	4E-BP1/2/3 (Phospho-Thr 45) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms
Immunogen Description	Synthetic peptide (KLH-coupled) within human N-cadherin 360-420 aa.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CADH2_HUMAN antibody Cadherin 2 antibody Cadherin 2 N cadherin neuronal antibody Cadherin 2 type 1 antibody Cadherin 2 type 1 N cadherin neuronal antibody Cadherin 2, type 1, N-cadherin (neuronal) antibody Cadherin-2 antibody Cadherin2 antibody Calcium dependent adhesion protein neuronal antibody CD325 antibody CD325 antigen antibody CDH2 antibody CDHN antibody CDw325 antibody CDw325 antigen antibody N cadherin 1 antibody N-cadherin antibody NCAD antibody Neural cadherin antibody OTTHUMP00000066304 antibody OTTHUMP00000067378 antibody
Accession No.	Swiss-Prot#:P19022
Uniprot	P19022
GeneID	1000;
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
Calculated MW	140
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

The cadherins are a large family of cell adhesion molecules involved in calcium-dependent recognition and adhesion events. The cadherin subfamily includes N-, P-, B-, and E- cadherins, and other members. Recent studies indicate that cancer cells have up-regulated N-cadherin in addition to loss of E-cadherin. N-cadherin cooperates with the FGF receptor, leading to overexpression of MMP-9 and cellular invasion. N-Cadherin is commonly found in cancer cells and provides a mechanism for transendothelial migration. When a cancer cell adheres to the endothelial cells of a blood vessel it up-regulates the src kinase pathway, which phosphorylates beta-catenins attached to both N-cadherin (this protein) and E-cadherins.

Note: This product is for in vitro research use only