BTK(Phospho-Y223) Conjugated Antibody

Catalog No: #C13374

Package Size: #C13374-AF350 100ul #C13374-AF405 100ul #C13374-AF488 100ul #C13374-AF555 100ul #C13374-AF594 100ul #C13374-AF647 100ul #C13374-AF680 100ul #C13374-AF750 100ul #C13374-Biotin 100ul

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

Description

Product Name	BTK(Phospho-Y223) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	18A2 antibody 42A antibody calcium Placental protein antibody Calvasculin antibody CAPL antibody Fibroblast specific protein 1 (FSP1) antibody Fibroblast specific protein 1 antibody Fibroblast specific protein antibody FSP1 antibody Leukemia multidrug resistance associated protein antibody Malignant transformation suppression 1 (MTS1) antibody Malignant transformation suppression 1 antibody Metastasin antibody MTS1 antibody OTTHUMP00000015467 antibody OTTHUMP00000015468 antibody P9KA antibody PEL98 antibody Placental calcium-binding protein antibody Protein Mts1 antibody Protein S100 A4 antibody Protein S100-A4 antibody S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog) antibody S100 calcium binding protein A4 antibody S100 calcium-binding protein A4 antibody S100a4 antibody S10A4_HUMAN antibody
Accession No.	Swiss-Prot#:P26447
Uniprot	P26447
GeneID	6275;
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	12
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 Mts1 gene encodes a small acidic Ca2+-binding protein, Mts1 (also designated S100A4, calvasculin or metastasin). Mts1 belongs to the S100 family of small Ca2+-binding proteins and is expressed in a cell-specific manner. Mts1 protein is involved in tumor progression and metastasis, and also has a significant stimulatory effect on angiogenesis. The level of Mts1 protein in serum increases with aging, suggesting that Mts1 may play a role in the ind-uction of tumor progression via stimulation of angiogenesis. In addition, Mts1 cooperates with p53 in apoptosis induction by binding to the C-term-inal regulatory domain of p53 to inhibit the DNA binding activity of p53. The ability of Mts1 to enhance p53-dependent apoptosis may accelerate the loss of p53 function in tumors. Thus, Mts1 can contribute to the development of a more aggressive phenotype during tumor progression.

Note: This product is for in vitro research use only