

S100A10 Conjugated Antibody

Catalog No: #C49352



Package Size: #C49352-AF350 100ul #C49352-AF405 100ul #C49352-AF488 100ul
 #C49352-AF555 100ul #C49352-AF594 100ul #C49352-AF647 100ul
 #C49352-AF680 100ul #C49352-AF750 100ul #C49352-Biotin 100ul

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

Description

Product Name	S100A10 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	42C antibody AA409961 antibody AL024248 antibody Annexin II ligand antibody Annexin II ligand, calpactin I, light polypeptide antibody Annexin II tetramer (Allt) p11 subunit antibody Annexin II, light chain antibody ANX2L antibody ANX2LG antibody Ca[1] antibody CAL12 antibody CAL1L antibody Calpactin I light chain antibody Calpactin I, p11 subunit antibody Calpactin-1 light chain antibody Cellular ligand of annexin II antibody CLP11 antibody GP11 antibody MGC111133 antibody Nerve growth factor-induced protein 42C antibody OTTHUMP00000015269 antibody OTTHUMP00000015270 antibody p10 antibody p10 protein antibody p11 antibody Protein S100 A10 antibody Protein S100-A10 antibody S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11)) antibody S100 calcium binding protein A10 (calpactin) antibody S100 calcium binding protein A10 antibody S100 calcium-binding protein A10 antibody S100a10 antibody S10AA_HUMAN antibody
Accession No.	Swiss-Prot#:P60903
Uniprot	P60903
GeneID	6281;
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	11 kDa
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 S-100 family of calcium-activated proteins interact with a range of target proteins to modulate biological signaling pathways. Numerous cancer cell lines overexpress the plasminogen receptor S-100A10 on the extracellular cell surface, where it forms a heterotetrameric complex with Annexin II, though this association is not required for plasma membrane localization or binding and activation of plasminogen. Additionally, S-100A10 acts as a cellular chaperone for hepatitis B (Hep B) virus polymerase. Hep B virus polymerase normally localizes to the cytoplasm only, though in the presence of S-100A10 a portion relocates to the nucleus, implying a role for S-100A10 and intracellular calcium in the process of viral replication.

Note: This product is for in vitro research use only