MRP2 Conjugated Antibody

Catalog No: #C49557

Package Size: #C49557-AF350 100ul #C49557-AF405 100ul #C49557-AF488 100ul #C49557-AF555 100ul #C49557-AF594 100ul #C49557-AF647 100ul #C49557-AF680 100ul #C49557-AF750 100ul #C49557-Biotin 100ul

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

Description

Product Name	MRP2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ABC30 antibody abcC2 antibody ATP binding cassette sub family C (CFTR/MRP) member 2 antibody ATP binding cassette subfamily C member 2 antibody ATP-binding cassette sub-family C member 2 antibody Canalicular multidrug resistance protein antibody Canalicular multispecific organic anion transporter 1 antibody CMOAT antibody CMOAT1 antibody cMRP antibody DJS antibody KIAA1010 antibody MRP 2 antibody MRP2_HUMAN antibody Multidrug resistance associated protein 2 antibody Multidrug resistance-associated protein 2 antibody
Accession No.	Swiss-Prot#:Q92887
Uniprot	Q92887
GeneID	1244;
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	174 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

Multi-drug resistance protein 2 (MRP2), also known as ABCC2, is an ATP binding cassette (ABC) transporter responsible for biliary excretion of xenobiotics, endobiotics, and their metabolites. Deficiency in ABCC2 results in the clinical disorder Dubin-Johnson syndrome. MRP2 is found to be expressed in a variety of human cancers, and is associated with resistance of tumor cells to various anticancer drugs including cisplatin. The predicted molecular weight of MRP2 is 174 kDa, while mature MRP2 usually has a slower migration around 190-250 kDa due to the glycosylation.

Note: This product is for in vitro research use only