

Product datasheet for **AM31991SU-N**

ABCC11 Rat Monoclonal Antibody [Clone ID: M8I-74]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M8I-74
Applications:	IF, IHC, WB
Recommended Dilution:	Western blotting: Use at 1/20-1/50 and anti-Rat-HRP. Immunocytochemistry: Use at 1/20-1/50 on Acetone Fixed Cytospin preparations. Immunohistochemistry on Frozen Sections: 1/20 on Acetone Fixed Frozen sections can be followed by incubation with Rabbit anti-Rat Ig (1/25) and a monoclonal Rat APAAP complex (1/50). Alternatively, after incubation with M8I-74 (use 1/20) and washing, slides can be incubated with biotinylated Rabbit anti-Rat Ig (1/100) and streptavidin conjugated to Horseradish Peroxidase (1/500).
Reactivity:	Human
Host:	Rat
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A bacterial fusion protein of Human MRP8, containing amino acids 1-83 of the protein.
Specificity:	This Monoclonal antibody <i>clone</i> M8I-74 reacts with an internal epitope of MRP8 (ABCC11), an approximately 150 kD transmembrane protein that is related to the multidrug resistance protein MRP1.
Formulation:	State: Supernatant State: Serum Free Culture Supernatant Stabilizer: 0.7% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	ATP binding cassette subfamily C member 11



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Database Link: [Entrez Gene 85320 Human Q96J66](#)

Background: ABCC11 belongs to the ABC transporter family, conjugate transporter (TC 3.A.1.208) subfamily. It contains two ABC transmembrane type-1 domains and two ABC transporter domains. ABCC11 participates in physiological processes involving bile acids, conjugated steroids and cyclic nucleotides and enhances the cellular extrusion of cAMP and cGMP. It also stimulates the ATP-dependent uptake of a range of physiological and synthetic lipophilic anions, including the glutathione S-conjugates leukotriene C4 and dinitrophenyl S-glutathione, steroid sulfates such as dehydroepiandrosterone 3-sulfate (DHEAS) and estrone 3-sulfate, glucuronides such as estradiol 17-beta-D-glucuronide (E(2)17betaG), the monoanionic bile acids glycocholate and taurocholate, and methotrexate. It probably functions to secrete earwax.

Synonyms: EWWD; MRP8; OTTHUMP00000164191; WW