

## Immunotag™ MRP7 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2842
Product Description	Immunotag™ MRP7 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MRP7
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Monkey
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human MRP7. AA range:835-884
Specificity	MRP7 Polyclonal Antibody detects endogenous levels of MRP7 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	ABCC10
Accession No.	Q5T3U5 Q8R4P9
Alternate Names	ABCC10; MRP7; SIMRP7; Multidrug resistance-associated protein 7; ATP-binding cassette sub-family C member 10

## Antibody Specification

Description	ATP binding cassette subfamily C member 10(ABCC10) Homo sapiens The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This ABC full-transporter is a member of the MRP subfamily which is involved in multi-drug resistance. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Nov 2010],
Cell Pathway/ Category	ABC transporters,
Protein Expression	Small intestine,Spleen,Testis,Uterus,
Subcellular Localization	lysosomal membrane,plasma membrane,integral component of membrane,
Protein Function	function:ATP-dependent transporter probably involved in cellular detoxification through lipophilic anion extrusion.,similarity:Belongs to the ABC transporter family.,similarity:Belongs to the ABC transporter family. Conjugate transporter (TC 3.A.1.208) subfamily.,similarity:Contains 2 ABC transmembrane type-1 domains.,similarity:Contains 2 ABC transporter domains.,tissue specificity:Isoform 1 is specifically expressed in spleen. Isoform 2 is more widely expressed.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.