



## Rabbit Anti-MRP7 antibody

SL5761R

<b>Product Name:</b>	MRP7
<b>Chinese Name:</b>	多药耐药相关蛋白7抗体
<b>Alias:</b>	ABCC10; ATP binding cassette, sub family C (CFTR/MRP), member 10; ATP binding cassette, subfamily C, member 10; ATP-binding cassette sub-family C member 10; EST182763; mFLJ00002; MRP7; MRP7_HUMAN; Multidrug resistance associated protein 7; Multidrug resistance-associated protein 7; SIMRP7; SIMRP7.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	162kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MRP7/ABCC10.:1401-1492/1492
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 ATP-dependent transporter probably involved in cellular detoxification through lipophilic anion extrusion.

**Function:**

ATP-dependent transporter probably involved in cellular detoxification through lipophilic anion extrusion.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Isoform 1 is specifically expressed in spleen. Isoform 2 is more widely expressed.

**Similarity:**

Belongs to the ABC transporter superfamily. ABCC family. Conjugate transporter (TC 3.A.1.208) subfamily.

Contains 2 ABC transmembrane type-1 domains.

Contains 2 ABC transporter domains.

**SWISS:**

Q5T3U5

**Gene ID:**

89845

**Database links:**

[Entrez Gene: 89845](#)Human

[Omim: 612509](#)Human

[SwissProt: Q5T3U5](#)Human

[Unigene: 55879](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.