



ABCB10 Monoclonal Antibody

Catalog No	YP-mAb-00651
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ABCB10
Immunogen	The antiserum was produced against synthesized peptide derived from human ABCB10. AA range:441-490
Specificity	ABCB10 Monoclonal Antibody detects endogenous levels of ABCB10 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ABC transporter 10 protein;ABC-me protein;ABC-mitochondrial erythroid protein; ATP-binding;ABCB10;ATP-binding cassette sub-family B member 10 mitochondrial;ATP-binding cassette sub-family B member 10;mitochondrial;ATP-binding cassette transporter 10;Mitochondrial ATP-binding cassette 2;M-ABC2
Observed Band	79kD
Calculated Molecular Weight	79kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitous. Highly expressed in bone marrow, expressed at intermediate to high levels in skeletal muscle, small intestine, thyroid, heart, brain, placenta, liver, pancreas, prostate, testis, ovary, leukocyte, stomach, spinal cord, lymph node, trachea and adrenal gland, and low levels are found in lung, kidney, spleen, thymus and colon.
Function	function:May mediate critical mitochondrial transport functions related to heme biosynthesis.,similarity:Belongs to the ABC transporter family.,similarity:Belongs to the ABC transporter family. Mitochondrial peptide exporter (TC 3.A.1.212) subfamily.,similarity:Contains 1 ABC transmembrane type-1 domain.,similarity:Contains 1 ABC transporter domain.,subunit:Homodimer or



heterodimer .,tissue specificity:Ubiquitous. Highly expressed in bone marrow, expressed at intermediate to high levels in skeletal muscle, small intestine, thyroid, heart, brain, placenta, liver, pancreas, prostate, testis, ovary, leukocyte, stomach, spinal cord, lymph node, trachea and adrenal gland, and low levels are found in lung, kidney, spleen, thymus and colon.,

Background

The membrane-associated 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, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. The function of this mitochondrial protein is unknown. [provided by RefSeq, Jul 2008],

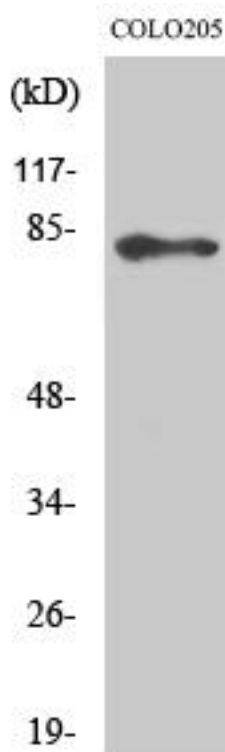
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ABCB10 Monoclonal Antibody