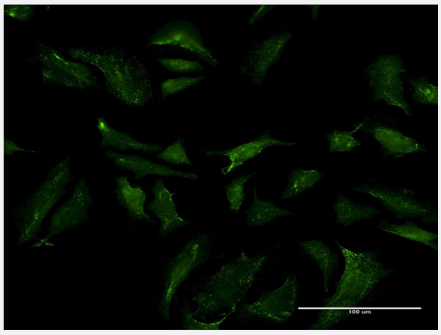
ABCB9 monoclonal antibody (M01), clone 4F4

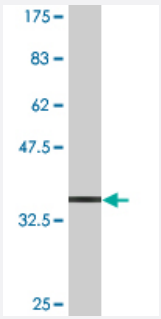
Catalog # H00023457-M01 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to ABCB9 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ABCB9.
Immunogen	ABCB9 (NP_062571, 482 a.a. ~ 580 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FIDRQPTMVHDGSLAPDHLEGRVDFENVTFTYRTRPHTQVLQNVSFSLSPGKVTALVGPSGSGKSSCVNILENFYPLEGGRVLLDGKPISAYDHKYLHR
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to ABCB9 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ABCB9

Entrez GeneID	23457
GeneBank Accession#	NM_019625
Protein Accession#	NP_062571
Gene Name	ABCB9
Gene Alias	EST122234, KIAA1520, TAPL
Gene Description	ATP-binding cassette, sub-family B (MDR/TAP), member 9
Omim ID	605453
Gene Ontology	Hyperlink
Gene Summary	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 as well as antigen presentation. The function of this half-transporter has not yet been determined; however, this protein may play a role in lysosomes. Alternative splicing of this gene results in distinct isoforms which are likely to have different substrate specifications. [provided by RefSeq

Other Designations	-

Pathway

- ABC transporters
- Lysosome