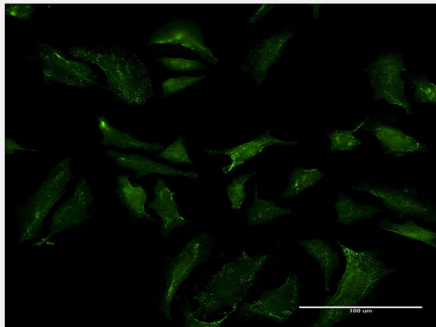


ABCB9 monoclonal antibody (M01), clone 4F4

Catalog # H00023457-M01

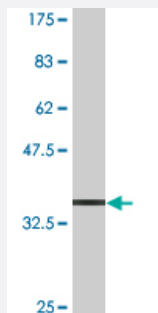
Size 100 ug

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	FIDRQPTMVHDGSLAPDHLEGRVDFENVFTYRTRPHTQVLQNVSFSLSPGKVTALVGPSGSGK SSCVNILENFYPLEGGRVLLDGKPISAYDHYLHR
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

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Pathway

- [ABC transporters](#)
- [Lysosome](#)