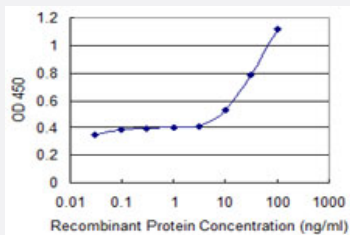


ABCF1 monoclonal antibody (M01), clone 1B4

Catalog # H00000023-M01

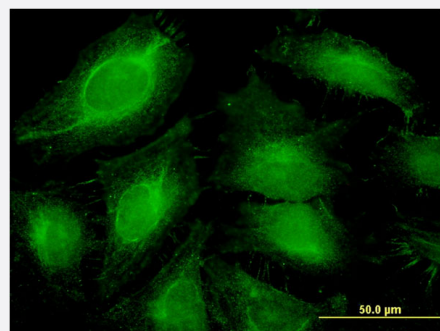
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCF1 is 3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ABCF1 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ABCF1.
Immunogen	ABCF1 (NP_001081, 642 a.a. ~ 739 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GEMRKNHRLKIGFFNQYAEQLRMEETPTEYLQRGFNLPYQDARKCLGRFGLESHAHTIQICKLSGGQKARVVFAELACREPDVLILDEPTNNLDIES
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (98); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCF1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ABCF1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — ABCF1

Entrez GeneID	23
GeneBank Accession#	NM_001090
Protein Accession#	NP_001081
Gene Name	ABCF1
Gene Alias	ABC27, ABC50
Gene Description	ATP-binding cassette, sub-family F (GCN20), member 1
Omim ID	603429
Gene Ontology	Hyperlink

Gene Summary

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, White). This protein is a member of the GCN20 subfamily. Unlike other members of the superfamily, this protein lacks the transmembrane domains which are characteristic of most ABC transporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhancement of protein synthesis and the inflammation process. [provided by RefSeq]

Other Designations

ATP-binding cassette 50 (TNF-alpha stimulated)|ATP-binding cassette, sub-family F, member 1| OTTHUMP00000029110|OTTHUMP00000029111|TNFalpha-inducible ATP-binding protein

Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Spondylitis](#)