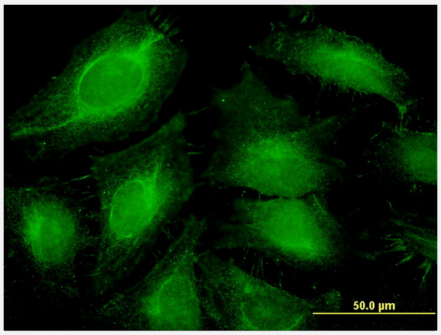
ABCF1 monoclonal antibody (M01), clone 1B4

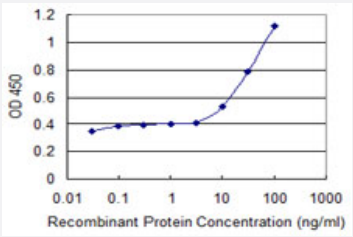
Catalog # H00000023-M01 Size 100 ug

Applications



Immunofluorescence

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



Sandwich ELISA (Recombinant protein)

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

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	GEMRKNHRLKIGFFNQQYAEQLRMEETPTEYLQRGFNLPYQDARKCLGRFGLESHAHTIQICKLSGGQKARVVFAELACREPDVLILDEPTNNLDIES
Host	Mouse
Reactivity	Human

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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

- Immunofluorescence

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

  Protocol Download

- ELISA

- Sandwich ELISA (Recombinant protein)

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

  Protocol Download

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

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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 membrane s. 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 s uperfamily, this protein lacks the transmembrane domains which are characteristic of most ABC tr ansporters. This protein may be regulated by tumor necrosis factor-alpha and play a role in enhan cement 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

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