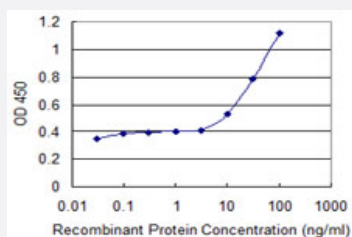


# ABCF1 monoclonal antibody (M01), clone 1B4

Catalog # H00000023-M01

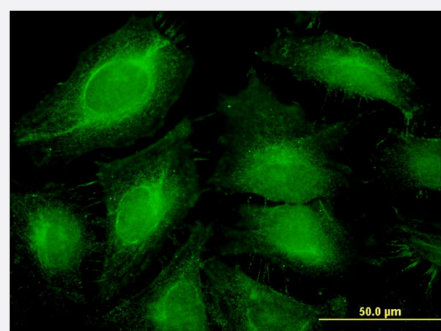
Size 100 ug

## 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

GEMRKNHRLKIGFFNQYAEQLRMEETPTEYLQRGFNLPYQDARKCLGRFGLESHAHTIQICKLSG  
GQKARVVFAELACREPDVLILDEPTNNLDIES

### 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](#)