# ABCF1 rabbit monoclonal antibody

Catalog # H00000023-K Size 100 ug x up to 3

## Specification

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|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against a human ABCF1 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human ABCF1 is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence. |
| **Host** | Rabbit |
| **Library Construction** | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| **Expression** | Overexpression vector and transfection into 293H cell line. |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Isotype** | IgG |
| **Quality Control Testing** | Antibody reactive against human ABCF1 peptide by ELISA and mammalian transfected lysate by W estern Blot. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Deliverable** | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| **Note** | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

  Protocol Download

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- ELISA

## Gene Info — ABCF1

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|---|---|
| **Entrez GeneID** | 23 |
| **GeneBank Accession#** | ABCF1 |
| **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 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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