

FCN3 rabbit monoclonal antibody

Catalog # H00008547-K

Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human FCN3 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human FCN3 is used for rabbit immunization. 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 FCN3 peptide by ELISA and mammalian transfected lysate by Western 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. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — FCN3

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| Entrez GeneID | 8547 |
| GeneBank Accession# | FCN3 |
| Gene Name | FCN3 |
| Gene Alias | FCNH, HAKA1, MGC22543 |
| Gene Description | ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen) |
| Omim ID | 604973 |
| Gene Ontology | Hyperlink |
| Gene Summary | <p>Ficolins are a group of proteins which consist of a collagen-like domain and a fibrinogen-like domain. In human serum, there are two types of ficolins, both of which have lectin activity. The protein encoded by this gene is a thermolabile beta-2-macroglycoprotein found in all human serum and is a member of the ficolin/opsonin p35 lectin family. The protein, which was initially identified based on its reactivity with sera from patients with systemic lupus erythematosus, has been shown to have a calcium-independent lectin activity. The protein can activate the complement pathway in association with MASPs and sMAP, thereby aiding in host defense through the activation of the lectin pathway. Alternative splicing occurs at this locus and two variants, each encoding a distinct isoform, have been identified. [provided by RefSeq]</p> |
| Other Designations | H-ficolin Hakata antigen OTTHUMP00000006338 OTTHUMP00000006339 collagen/fibrinogen domain-containing lectin 3 p35 collagen/fibrinogen domain-containing protein 3 ficolin 3 ficolin-3 |

Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Respiratory Tract Infections](#)