

ERVFRD-1 rabbit monoclonal antibody

Catalog # H00405754-K Size 100 ug x up to 3

Specification

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| Product Description | Rabbit monoclonal antibody raised against a human ERVFRD-1 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human ERVFRD-1 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 ERVFRD-1 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 — ERVFRD-1

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| Entrez GeneID | 405754 |
| GeneBank Accession# | ERVFRD-1 |
| Gene Name | ERVFRD-1 |
| Gene Alias | UNQ6191/PRO20218, ERVFRDE1, GLLL6191, HERV-FRD, HERV-W/FRD, UNQ6191, envFRD |
| Gene Description | endogenous retrovirus group FRD, member 1 |
| Omim ID | 610524 |
| Gene Ontology | Hyperlink |
| Gene Summary | Human endogenous retroviruses (HERVs) make up approximately 8% of the human genome. Although most HERVs are nonfunctional, the HERV-W (ERVWE1; MIM 604659) and HERV-FRD env elope (env) proteins can induce cell-cell fusion when expressed in cells possessing appropriate receptors (Blaise et al., 2003 [PubMed 14557543]).[supplied by OMIM] |
| Other Designations | HERV-FRD provirus ancestral Env polyprotein; HERV-FRD_6p24.1 provirus ancestral Env polyprotein; endogenous retrovirus group FRD member 1; envelope polyprotein; syncytin 2 |