

## Product datasheet for **TA335112**

### HERV-FRD (ERVFRD-1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HERV-FRD antibody: synthetic peptide directed towards the N terminal of human HERV-FRD. Synthetic peptide located within the following region: TGSPYSTNCWLCTSSSTETPGTAYPASPREWTSIEAELHISYRWDPNLKG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	endogenous retrovirus group FRD member 1
Database Link:	<a href="#">NP_997465</a> <a href="#">Entrez Gene 405754 Human</a> <a href="#">P60508</a>



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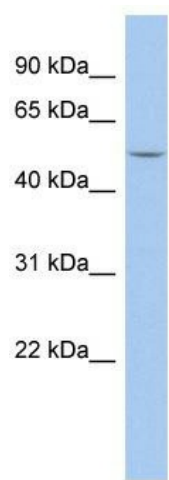
**Background:** Retroviral envelope proteins mediate receptor recognition and membrane fusion during early infection. Endogenous envelope proteins may have kept, lost or modified their original function during evolution. This endogenous envelope protein has retained its original fusogenic properties. HERV-FRD can make pseudotypes with MLV, HIV-1 or SIV-1 virions and confer infectivity. 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 envelope (env) proteins can induce cell-cell fusion when expressed in cells possessing appropriate receptors.

**Synonyms:** envFRD; ERVFRDE1; FRD; GLLL6191; HERV-FRD; HERV-W; UNQ6191

**Note:** Immunogen Sequence Homology: Human: 100%

**Protein Families:** Transmembrane

### Product images:



WB Suggested Anti-HERV-FRD Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive  
Control: HT1080 cell lysate