

## Product datasheet for **TA357274**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human ERVFRD-1
Specificity:	<b>Expected reactivity:</b> Human <b>Homology:</b> Human: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	59kDa
Gene Name:	endogenous retrovirus group FRD member 1
Database Link:	<a href="#">NP_997465</a> <a href="#">Entrez Gene 405754 Human P60508</a>



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**Background:**

Many different human endogenous retrovirus (HERV) families are expressed in normal placental tissue at high levels, suggesting that HERVs are functionally important in reproduction. This gene is part of a human endogenous retrovirus provirus on chromosome 6 that has inactivating mutations in the gag and pol genes. This gene is the envelope glycoprotein gene which appears to have been selectively preserved. The gene's protein product plays a major role in placental development and trophoblast fusion. The protein has the characteristics of a typical retroviral envelope protein, including a cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer.

**Product images:**


Host: Rabbit  
 Target Name: ERVFRD-1  
 Sample Tissue: Thymus Tumor Lysate  
 Antibody Dilution: 1.0µg/ml

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 Target Name: ERVFRD-1  
 Sample Type: Thymus Tumor lysates  
 Antibody Dilution: 1.0ug/ml