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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP56008_P050-Biotin
Product Page	www.avivasysbio.com/herv-frd-antibody-n-terminal-region-biotin-arp56008-p050-biotin.html
Name	HERV-FRD Antibody - N-terminal region : Biotin (ARP56008_P050-Biotin)
Protein Size (# AA)	538 amino acids
Molecular Weight	60kDa
Conjugation	Biotin
NCBI Gene Id	405754
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Endogenous retrovirus group FRD, member 1
Alias Symbols	envFRD, UNQ6191, ERVFRDE1, GLLL6191, HERV-FRD, HERV-W/FRD
Peptide Sequence	Synthetic peptide located within the following region: TGSPYSTNCWLCTSSSTETPGTAYPASPREWTSIEAELHISYRWDPNLKG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Malassine,A., (er) Retrovirology 5, 6 (2008)
Description of Target	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 (Blaise et al., 2003 [PubMed 14557543]).[supplied by OMIM].
Protein Interactions	APP;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-ERVFRD-1 (ARP56008_P050-Biotin) antibody
Blocking Peptide	For anti-ERVFRD-1 (ARP56008_P050-Biotin) antibody is Catalog# AAP56008 (Previous Catalog# AAPP37414)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HERV-FRD
Uniprot ID	P60508
Protein Name	HERV-FRD_6p24.1 provirus ancestral Env polyprotein
Protein Accession #	NP_997465
Purification	Affinity Purified
Nucleotide Accession #	NM_207582
Gene Symbol	ERVFRD-1
Predicted Species Reactivity	Human
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com