



### HERV-FRD (HERV-FRD provirus ancestral Env polyprotein) Antibody (against the N terminal of HERV-FRD) (50ug)

**Catalog#:** ARP56008\_P050

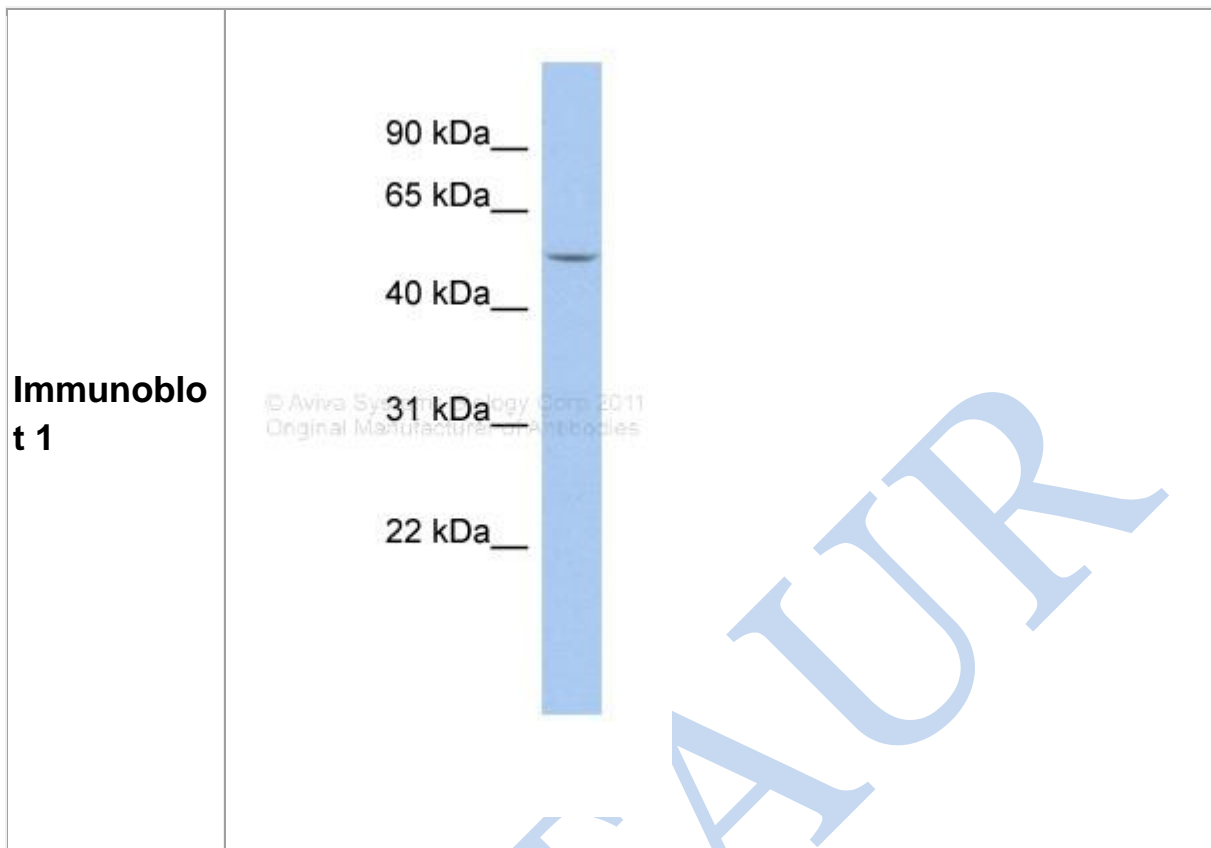
This is a rabbit polyclonal antibody against HERV-FRD. It was validated on Western Blot by Aviva Systems Biology. At Aviva Systems Biology we manufacture rabbit polyclonal antibodies on a large scale (200-1000 products/month) of high throughput manner. Our antibodies are peptide based and protein family oriented. We usually provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ([info@avivasysbio.com](mailto:info@avivasysbio.com)).

<b>Product Number</b>	ARP56008_P050
<b>Product Name</b>	HERV-FRD (HERV-FRD provirus ancestral Env polyprotein) Antibody (against the N terminal of HERV-FRD) (50ug)
<b>Size</b>	50ug
<b>Gene Symbol</b>	<a href="#">HERV-FRD</a>
<b>Alias Symbols</b>	FLJ41944; FLJ90611; GLLL6191; MGC87585; UNQ6191
<b>Nucleotide Accession</b>	<a href="#">NM_207582</a>
<b>Protein Accession</b>	<a href="#">NP_997465</a>
<b>Swissprot Id</b>	<a href="#">P60508</a>

<b>Protein Size</b>	538 amino acids
<b>Molecular Weight</b>	55kDa
<b>Product Format</b>	Lyophilized powder
<b>NCBI Gene Id</b>	405754
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purification</b>	Affinity Purified
<b>Description</b>	This is a rabbit polyclonal antibody against HERV-FRD. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire ( <a href="mailto:info@avivasysbio.com">info@avivasysbio.com</a> ).
<b>Peptide Sequence</b>	<a href="#">TGSPYSTNCWLCTSSSTETPGTAYPASPREWTSIEAELHISYRWDPNLKG</a>
<b>Key Reference</b>	Malassine,A., (er) Retrovirology 5, 6 (2008)
<b>Description of Target</b>	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].									
<b>Reconstitution and Storage</b>	Add 50 µl of distilled water. Final antibody concentration is 1 mg/ml in PBS buffer. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.									
<b>Tips Information</b>	<ul style="list-style-type: none"> <li>• <a href="#">IHC Tips &amp; Tricks</a></li> <li>• <a href="#">ICC Tips &amp; Tricks</a></li> <li>• <a href="#">ELISA Tips &amp; Tricks</a></li> <li>• <a href="#">WB/IB Tips &amp; Tricks</a></li> <li>• <a href="#">IP Tips &amp; Tricks</a></li> </ul> <p>See our <a href="#">General FAQ</a> page.</p>									
<b>Protocol</b>	<ul style="list-style-type: none"> <li>• <a href="#">Reconstitution Instructions</a></li> <li>• <a href="#">Immunohistochemistry (IHC) Protocol</a></li> <li>• <a href="#">Immunocytochemistry (ICC) Protocol</a></li> <li>• <a href="#">Enzyme-Linked ImmunoSorbent Assay (ELISA) Protocol</a></li> <li>• <a href="#">Western Blotting/Immunoblotting (WB/IB) Protocol</a></li> <li>• <a href="#">Blocking Peptide Competition Protocol (BPCP)</a></li> <li>• <a href="#">Immunoprecipitation (IP) Protocol</a></li> </ul> <p>The following related protocols are available on <a href="http://www.avivasysbio.com">www.avivasysbio.com</a></p>									
<b>Tissue</b>	<table border="1"> <thead> <tr> <th>Tissue</th> <th>Product Link</th> <th>Publications Link</th> </tr> </thead> <tbody> <tr> <td>Parathyroid</td> <td><a href="#">Parathyroid Antibodies</a></td> <td><a href="#">HERV-FRD AND Parathyroid</a></td> </tr> <tr> <td>Female system</td> <td><a href="#">Female system Antibodies</a></td> <td><a href="#">HERV-FRD AND Female system</a></td> </tr> </tbody> </table>	Tissue	Product Link	Publications Link	Parathyroid	<a href="#">Parathyroid Antibodies</a>	<a href="#">HERV-FRD AND Parathyroid</a>	Female system	<a href="#">Female system Antibodies</a>	<a href="#">HERV-FRD AND Female system</a>
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<b>Additional Information</b>	<b>Immunogen:</b> Synthetic peptide directed towards the N terminal of human HERV-FRD
<b>Lead Time</b>	Domestic: <a href="#">within 24 hours delivery</a> International: <a href="#">3-5 business days</a>
<b>Species Reactivity</b>	Human
<b>Computational Homology Based on Immunogen Sequence</b>	<a href="#">Lowland gorilla</a> :100%; <a href="#">Silvery gibbon</a> :100%; <a href="#">Crab-eating macaque</a> :100%; <a href="#">Chimpanzee</a> :100%; <a href="#">Bornean orangutan</a> :100%; <a href="#">Human</a> :100%;
<b>Application</b>	WB
<b>Western Blot Application Data</b>	<b>WB Suggested Antibody Titration:</b> 0.2-1 ug/ml <b>ELISA Titer:</b> 1:312500 <b>Positive Control:</b> HT1080



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