

## ERVK-7 Antibody (F53919)

Catalog No.	Formulation	Size
F53919-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P61567
<b>Applications</b>	Western Blot : 1:500-1000
<b>Limitations</b>	This ERVK-7 antibody is available for research use only.



Western blot testing of human placenta lysate with ERVK-7 antibody at 1:1000.  
Predicted molecular weight: 67 kDa.

## Description

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. The transmembrane protein chain (TM) of 'Endogenous retrovirus group K member 7 Env polyprotein' (ERVK-7), anchors the envelope heterodimer to the viral membrane through one transmembrane domain. The second chain, called 'surface protein' or SU mediates receptor recognition.

## Application Notes

Titration of the ERVK-7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 457-491 from the human protein was used as the immunogen for the ERVK-7 antibody.

## **Storage**

Aliquot the ERVK-7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.