ENV Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ENV, Polyclonal Antibody
Full Product Name	Rabbit anti-Friend murine leukemia virus (FrMLV) ENV Polyclonal Antibody
Product Gene Name	anti-ENV antibody
Product Synonym Names	ENV Antibody; Envelope glycoprotein; Env polyprotein; [Cleaved into: Surface protein; SU; Glycoprotein 70; gp70)]; Fragment; env
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Friend murine leukemia virus (FrMLV)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	48,615 Da
3D Structure	ModBase 3D Structure for P03395
Immunogen	Recombinant Friend murine leukemia virus (FrMLV) env protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ENV antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ENV antibody	MBS7166592 is an antibody targeting ENV. Also known as Rabbit anti-Friend murine leukemia virus (FrMLV) ENV Polyclonal Antibody. Reactive in Friend murine leukemia virus (FrMLV). Host: Rabbit.
Other Notes	Small volumes of anti-ENV antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ENV. It may not necessarily be applicable to this product.

NCBI GI #	119475
NCBI Accession #	P03395.2
UniProt Primary Accession #	P03395
NCBI Official Full Name	Envelope glycoprotein
UniProt Protein Name	Envelope glycoprotein

UniProt Synonym Protein Names	Env polyproteinCleaved into the following chain:Surface protein; SUAlternative name(s):Glycoprotein 70; gp70
Protein Family	Envelope glycoprotein
UniProt Gene Name	env
UniProt Synonym Gene Names	SU; gp70
UniProt Entry Name	ENV_MLVFR
UniProt Comments for ENV	The surface protein (SU) attaches the virus to the host cell by binding to its receptor. This interaction triggers the refolding of the transmembrane protein (TM) and is thought to activate its fusogenic potential by unmasking its fusion peptide. Fusion occurs at the host cell plasma membrane ().
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