

Product datasheet for **AM01121PU-N**

FeLV envelope glycoprotein TM p15E Mouse Monoclonal Antibody [Clone ID: PF6J-2A1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PF6J-2A1
Applications:	IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on paraffin sections. Immunoprecipitation. Western Blot: 1:2,000; detects band/s of approximately 15kDa and 20kDa under reducing conditions.
Reactivity:	Feline Leukemia Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody recognises an epitope within the amino-terminal domain of both the 20kDa full-length (including intracellular sequence), and the 15kDa truncated forms, of feline leukaemia virus (FeLV) p15e transmembrane envelope protein.
Formulation:	PBS, pH7.2 containing 0.05% Sodium Azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P06752



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Background:

Persistent infection of cats with the oncoretrovirus FeLV can result in the non-neoplastic condition known as FeLV-associated enteritis (FAE). Studies have shown strong expression of the major FeLV proteins p15e and gp70 in intestinal crypt epithelial cells of cats with FAE, compared to FeLV-positive cats without intestinal alterations, thereby suggesting a pathogenic role for these envelope proteins/precursors in FAE.

Synonyms:

Feline leukemia virus env, gp70, p15E