

## Product datasheet for **AM01122PU-N**

### FeLV gag p27 Mouse Monoclonal Antibody [Clone ID: PF12J-10A]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	PF12J-10A
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 1/100. <b>Western Blot:</b> 1/1,500. Detects a band of approximately 28kDa under reducing conditions. A strong band of 80kDa representing glycosylated FeLV gag gene product may also be present.
Reactivity:	Feline Leukemia Virus
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody recognises leukaemia virus (FeLV) p27 core protein (p27).
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store 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.
Background:	The oncoretrovirus FeLV is responsible for both neoplastic and non-neoplastic conditions, often resulting in a poor prognosis and fatal outcome for cats persistently infected. During persistent infection the virus, soluble viral antigens and antigen containing white blood cells are continuously present in the blood and diagnosis is mainly based upon detection of the p27 antigen - using ELISA to test for p27 as it circulates free in the bloodstream, and Immunofluorescence studies to detect p27 within the infected white cells.



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**Synonyms:** Feline Leukemia Virus