

Product datasheet for **SM1727P**

FeLV envelope glycoprotein SU gp70 Mouse Monoclonal Antibody [Clone ID: C11D8]

Product data:

Product Type: Primary Antibodies

Clone Name: C11D8

Applications: FC, IHC, IP, WB

Recommended Dilution: **Flow Cytometry.**
Western Blot.
Immunoprecipitation.
Immunohistochemistry on Frozen Sections.
Immunohistochemistry on Paraffin Sections.
Neutralization.

Notes: Removal of the preservative is recommended prior to use in functional assays.

Recommended Dilutions:

Western Blot 1/100-1/2000, Immunohistochemistry-Paraffin 1/10-1/500, Immunoprecipitation 1/10-1/500, Flow Cytometry 1/10-1/1000, Immunohistochemistry-Frozen 1/10-1/500, Immunohistochemistry 1/10-1/500.

Reactivity: Feline Leukemia Virus

Host: Mouse

Isotype: IgG2b

Clonality: Monoclonal

Immunogen: Made to Viral FELINE LEUKAEMIA VIRUS gp70

Specificity: This antibody recognizes the gp85/gp70 envelope glycoprotein of leukaemia virus. The antibody specifically recognises the epitope defined by amino acids 214-218 of the gp70 sequence (aa MGPNL).
Some weak cross-reactivity with the sequence MGPLL found in the FeLV p15e membrane protein may also occur. This antibody effectively neutralizes all three FeLV subgroups (A,B and C).

Formulation: PBS, pH 7.2 containing 0.05% Sodium Azide as preservative

State: Purified

State: Liquid purified IgG fraction from Tissue Culture Supernatant

Concentration: lot specific



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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.
Database Link:	P06752
Background:	FeLV is a retrovirus (family Oncovirinae) that can cause severe immunosuppression, severe non regenerative anemia, and a variety of neoplasms. The 3 main subtypes (FeLVA, FeLVB and FeLVC) may act independently or together to cause a variety of diseases. The major envelope glycoprotein (gp70) is used to bind to target cells and varies with the FeLV subtype.
Synonyms:	Feline leukemia virus env, gp70, p15E