

Goat Anti-FeLV p27 Polyclonal Antibody

Goat, Polyclonal (FeLV p27)

Cat. No. DPAB0158

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview: The feline leukemia virus (FeLV) is the causative agent of the most important fatal infectious disease complex of domestic cats today. It is an RNA virus belonging to the family Retroviridae.

Specificity: FeLV p27 (by Western blot). Non-reactive with normal feline serum.

Immunogen: Purified FeLV p27

Host animal: Goat

Format: FITC, Liquid

Applications: Suitable for use in Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Purification: Sodium sulfate precipitation and ion-exchange chromatography. Purified IgG fraction covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.

REFERENCES

1. Richards J, Elston T, Ford R, Gaskell R, Hartmann K, Hurley K, Lappin M, Levy J, Rodan I, Scherk M, Schultz R, Sparkes A (2006). "The 2006 American Association of Feline Practitioners Feline Vaccine Advisory Panel report". J Am Vet Med Assoc 229 (9): 1405–41.
2. Poulet H, Brunet S, Boularand C, Guiot AL, Leroy V, Tartaglia J, Minke J, Audonnet JC, Desmettre P. (2003). "Efficacy of a canarypox virus-vectored vaccine against feline leukaemia". The Veterinary Record 153 (5): 141–5.

BACKGROUND

Introduction: The feline leukemia virus (FeLV) is the causative agent of the most important fatal infectious disease complex of domestic cats today. It is an RNA virus belonging to the family Retroviridae.

Keywords: FeLV p27; feline leukemia provirus; Feline leukemia virus p27; Feline leukemia virus subgroup c receptor related protein 1; Feline sarcoma virus; flvcr protein; flvcr1; fps; hflvcr; Oncogene fes; Group VI (ssRNA-RT); Retroviridae; Gammaretrovirus; Feline leukemia virus

PACKAGING

Concentration: 4–5mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: 0.01M PBS, pH 7.2 containing 10mg/ml BSA

Preservative: 0.1% Sodium Azide

Storage: Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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