

# Product Datasheet

## Feline Leukaemia Virus p15E Antibody (PF6J-2A1) - BSA Free NB100-65808

Unit Size: 0.125 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-65808**

Feline Leukaemia Virus p15E Antibody (PF6J-2A1) - BSA Free

Product Information	
Unit Size	0.125 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PF6J-2A1
Preservative	<0.1% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Species	Virus
Specificity/Sensitivity	NB100-65808 recognizes 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. 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.
Immunogen	Made to Viral FELINE LEUKAEMIA VIRUS p15E

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	In WB detects band/s of approximately 15kDa and 20kDa under reducing conditions.

**Publications**

Morishita M, Sunden Y, Horiguchi M et al. Wavy changes in the whiskers of domestic cats are correlated with feline leukemia virus infection BMC veterinary research 2023-03-04 [PMID: 36871053] (Immunohistochemistry-Paraffin, Feline)





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### **Products Related to NB100-65808**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NB100-65808AF405	Feline Leukaemia Virus p15E Antibody (PF6J-2A1) [Alexa Fluor® 405]

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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