

# 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            |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.125 mg   |
| <b>Concentration</b>           | 1 mg/ml  |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | PF6J-2A1   |
| <b>Preservative</b>            | <0.1% Sodium Azide   |
| <b>Isotype</b>                 | IgG2a  |
| <b>Purity</b>                  | Protein A purified   |
| <b>Buffer</b>                  | PBS  |
| Product Description            |  |
| <b>Description</b>             | Novus Biologicals Mouse Feline Leukaemia Virus p15E Antibody (PF6J-2A1) - BSA Free (NB100-65808) is a monoclonal antibody validated for use in IHC, WB and IP. Anti-Feline Leukaemia Virus p15E Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                    | Mouse  |
| <b>Species</b>                 | Virus  |
| <b>Specificity/Sensitivity</b> | 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. |
| <b>Immunogen</b>               | Made to Viral FELINE LEUKAEMIA VIRUS p15E  |
| Product Application Details    |  |
| <b>Applications</b>            | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation   |
| <b>Recommended Dilutions</b>   | Western Blot 1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500   |
| <b>Application Notes</b>       | 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**

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|             |  |
|-------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP]                |
| HAF007      | Goat anti-Mouse IgG Secondary Antibody [HRP]       |
| NB7539      | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96778  | Mouse IgG2a Isotype Control (M2A)                  |

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### **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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