

# Product Datasheet

## Feline Leukaemia Virus gp70 Antibody (C11D8) - BSA Free **NB100-65565**

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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**NB100-65565**

Feline Leukaemia Virus gp70 Antibody (C11D8) - BSA Free

**Product Information**

<b>Unit Size</b>	0.125 mg
<b>Concentration</b>	1.0 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>	C11D8
<b>Preservative</b>	<0.1% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	NB100-65565 recognizes the gp85/gp70 envelope glycoprotein of feline leukaemia virus. The antibody specifically recognizes 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 neutralises all three FeLV subgroups (A,B and C).
<b>Immunogen</b>	Made to Viral FELINE LEUKAEMIA VIRUS gp70

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	Removal of sodium azide is recommended prior to use in functional assays.

**Publications**

Roccabianca P, Turchetto S, Ferrari N et al. Feline lymphoplasmacytic rhinitis (FLPCR): Severity of inflammation correlates with reduced mucosal IgA expression Veterinary immunology and immunopathology 2021-02-05 [PMID: 33611160] (IHC-P, Virus)

Details:

Feline Leukaemia Virus gp70



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## Products Related to NB100-65565

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NB100-65565UV	Feline Leukaemia Virus gp70 Antibody (C11D8) [DyLight 350]

## 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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