

Product Datasheet

Feline Immunodeficiency Virus p24 gag Antibody (PAK3-2C1) [Janelia Fluor® 646] NB100-64802JF646

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB100-64802JF646

Feline Immunodeficiency Virus p24 gag Antibody (PAK3-2C1) [Janelia Fluor® 646]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	PAK3-2C1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Janelia Fluor 646
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Species	Virus
Reactivity Notes	0
Specificity/Sensitivity	NB100-64802 recognizes an immunodominant p24 epitope of feline immunodeficiency virus (FIV) p24 gag. The lentivirus FIV, responsible for a progressive and debilitating immune deficiency syndrome in domestic cats, similar to that caused by the human Immunodeficiency Virus (HIV), is a complex retrovirus with a tightly-packed genome, containing the structural genes gag, env and pro-pol and the accessory genes vif, rev and ORF-A/2. The specific binding epitope recognized by clone PAK3-2C1 appears to be enclosed in a tight peptide coil during gag production and maturation. The addition of 0.3% Triton-X detergent is recommended to reveal this epitope for antibody binding. NB100-64802 detects a dominant band of approximately 24kDa, and also detects p24 gag precursor bands at 36, 39, 49 and 52kDa under reducing conditions in Western blotting. NB100-64802 does not recognize Feline Leukaemia Virus (FeLV), Feline Herpes Virus (FHV) type 1, Feline Coronavirus or Feline Calicivirus.
Immunogen	Made to Viral FELINE IMMUNODEFICIENCY VIRUS p24 gag
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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NBP1-97005JF646	Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646]
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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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