

Product Datasheet

FIV gp95 Antibody (SU1-30) [Alexa Fluor® 700] NB100-64378AF700

Unit Size: 0.125 ml

Store at 4C in the dark.

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NB100-64378AF700

FIV gp95 Antibody (SU1-30) [Alexa Fluor® 700]

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	SU1-30
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 700
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description

Host	Mouse
Species	Virus
Reactivity Notes	Reacts with Viral.
Specificity/Sensitivity	NB100-64378 specifically recognizes the relatively conserved E60 peptide (amino acid sequence SSWKQRNRWEWRPDF) located within the V3 region of FIV (Feline Immunodeficiency Virus) envelope glycoprotein SU, gp95. The primary receptor for FIV infection of cats has been identified as the T-cell activation antigen CD134 which, along with CXC chemokine receptor 4 (CXCR4), facilitates the infection of CD4+ primary target cells, resulting in a depletion in the CD4+ population. Studies have shown that the V3 loop of SU, gp95 is a major immunogenic domain, suggested to contain the main determinants for the binding of FIV SU, gp95 to CXCR4.(3) Clone SU1-30 has been shown to inhibit the sCD134-activated entry of both clade B and clade C FIV strains.(1) NB100-64378 does not recognize Feline Leukaemia Virus, Feline Herpes Virus type 1, Feline Coronavirus or Feline Calicivirus. Removal of Sodium Azide is recommended prior to use in functional studies.
Immunogen	Made to FIV gp95
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details

Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot, Flow Cytometry



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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