

## Datasheet: 4413-5007

<b>Description:</b>	MOUSE ANTI FELINE IMMUNODEFICIENCY VIRUS ENVELOPE
<b>Specificity:</b>	FELINE IMMUNODEFICIENCY VIRUS ENVELOPE
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	CE4-13B1 (13B1)
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
ELISA	▪			
Western Blotting (1)	▪			
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**(1)Using ultra-centrifuged FIV under reducing conditions, this antibody identifies a major band at approximately 95kD, and another at approximately 25kD which is a degradation product of gp95 and is not the gag 24 peptide.**

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.05% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	1.0 mg/ml
<b>Immunogen</b>	Purified gp95 envelope antigen.
<b>Specificity</b>	<b>Mouse anti Feline Immunodeficiency Virus Envelope antibody, clone CE4-13B1</b> recognizes the FIV gp95 envelope protein. Mouse anti Feline Immunodeficiency Virus Envelope antibody,

clone CE4-13B1 is directed against an epitope within the variable V2 region and cross-reacts with Petaluma, 34TF10, Ppr, MCH5-5 and Glasgow 8 isolates.

Mouse anti Feline Immunodeficiency Virus Envelope antibody, clone CE4-13B1 does not neutralize FIV and does not recognise Feline Leukaemia Virus, Feline Herpes Virus Type 1, Feline Coronavirus and Feline Calicivirus.

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<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#)

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'M318358:180718'

**Printed on 01 Aug 2018**

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