

Datasheet: 4413-5007

BATCH NUMBER 300614

Description:	MOUSE ANTI FELINE IMMUNODEFICIENCY VIRUS ENVELOPE
Specificity:	FELINE IMMUNODEFICIENCY VIRUS ENVELOPE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	CE4-13B1 (13B1)
Isotype:	IgG2a
Quantity:	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.

	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.

Target Species	Viral
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.05% Sodium Azide (NaN ₃)
Approx. Protein	1.0 mg/ml

Concentrations

Immunogen Purified gp95 envelope antigen.

RRID AB_616986

Specificity **Mouse anti Feline Immunodeficiency Virus Envelope antibody, clone CE4-13B1** 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.

Storage 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/4413-5007>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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