

Product datasheet

Anti-Feline Calicivirus antibody [FCV1-43] ab33990

Overview

Product name	Anti-Feline Calicivirus antibody [FCV1-43]
Description	Mouse monoclonal [FCV1-43] to Feline Calicivirus
Host species	Mouse
Specificity	ab33990 specifically recognises feline calicivirus, and does not cross-react with FIV or FeLV.
Tested applications	Suitable for: IHC-P, WB, ELISA
Species reactivity	Reacts with Feline calicivirus. Not yet tested in other species.
Immunogen	The details of the immunogen for this antibody are not available.
General notes	The antibody detects a 63kD band in Western blots, representing the viral capsid protein.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2
Purity	Protein A purified
Primary antibody notes	The antibody detects a 63kD band in Western blots, representing the viral capsid protein.
Clonality	Monoclonal
Clone number	FCV1-43
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab33990** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 63 kDa.
ELISA		Use at an assay dependent concentration.

Target

Relevance

Feline calicivirus is a common viral disease that affects cats. It is characterized by upper respiratory symptoms, pneumonia, oral ulceration, and occasionally arthritis. It is a fairly mild flu-like condition and rarely causes serious complications. FCV is a tiny non-enveloped virus consisting of a 20 sided protein capsid (that fashions cup like dimples) surrounding a single strand of positive sense RNA.

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