

## Product datasheet

# Anti-Feline Calicivirus antibody [FCV1-43] ab33990

### Overview

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

### Properties

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

Application	Abreviews	Notes
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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