

Product datasheet

Anti-FIV p24 antibody [PAK3-2C1] ab65289

Overview

Product name	Anti-FIV p24 antibody [PAK3-2C1]
Description	Mouse monoclonal [PAK3-2C1] to FIV p24
Host species	Mouse
Tested applications	Suitable for: ELISA, ICC/IF, WB, IHC-Fr, Flow Cyt
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive)
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	PAK3-2C1
Isotype	IgG1

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab65289 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
ELISA		
ICC/IF		
WB		
IHC-Fr		
Flow Cyt		

Application notes

ELISA: Use at an assay dependent dilution.
Flow Cyt: Use at an assay dependent dilution.
ICC/IF: Use at an assay dependent dilution.
IHC-Fr: Use at an assay dependent dilution.
WB: Use at an assay dependent dilution.
Detects a dominant WB bands of approximately 24kDa, and also detects p24 gag precursor bands at 36, 39, 49 and 52kDa under reducing conditions in Western blotting.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

The lentivirus FIV, responsible for a progressive and debilitating immune deficiency syndrome in domestic cats, similar to that caused by the human Immunodeficiency Virus (HIV), is a complex retrovirus with a tightly-packed genome, containing the structural genes gag, env and pro-pol and the accessory genes vif, rev and ORF-A/2. p24 (Capsid protein) - part of the gag polyprotein, forms the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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