

Product datasheet

Anti-Adenovirus antibody ab1039

1 References

Overview

Product name	Anti-Adenovirus antibody
Description	Rabbit polyclonal to Adenovirus
Host species	Rabbit
Specificity	This antibody recognizes the fiber knob protein of human adenovirus serotype 3.
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Other species
Immunogen	Peptide corresponding to amino acids 255-264 of the 34 kDa fibre knob protein of adenovirus 3.
General notes	

The fiber knob is involved in the initial interaction of adenovirus with cellular membrane receptors.

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide
Purity	Immunogen affinity purified
Primary antibody notes	The fiber knob is involved in the initial interaction of adenovirus with cellular membrane receptors.
Clonality	Polyclonal
Isotype	unknown
Light chain type	unknown

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab1039 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
WB		1/500 - 1/1000.

Target

Relevance

Adenoviruses are DNA viruses generally widespread in nature that are frequently the cause of acute upper respiratory tract infections (i.e. common colds). Forty-seven known serotypes have been isolated since they were first discovered in 1953 with 3 types known to cause gastroenteritis. Several types have oncogenic potential though most cause self-limiting febrile illnesses characterised by inflammation of conjunctivae and the respiratory tract. The virus can be isolated from the majority of tonsils/adenoids surgically removed, indicating latent infections. It is not known how long the virus can persist in the body, or whether it is capable of reactivation after long periods. In patients experiencing immunosuppression (e.g. AIDS) it can be reactivated causing disease.

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

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