

Anti-Adenovirus Type 5 antibody ab6982

★★★★★ [9 Abreviews](#) [79 References](#) [4 Images](#)

Overview

Product name	Anti-Adenovirus Type 5 antibody
Description	Rabbit polyclonal to Adenovirus Type 5
Host species	Rabbit
Tested applications	Suitable for: Neutralising, ELISA, WB, ICC/IF
Species reactivity	Reacts with: Human adenovirus 5
Immunogen	Tissue, cells or virus corresponding to Adenovirus Type 5. Purified Adenovirus type 5
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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab6982 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

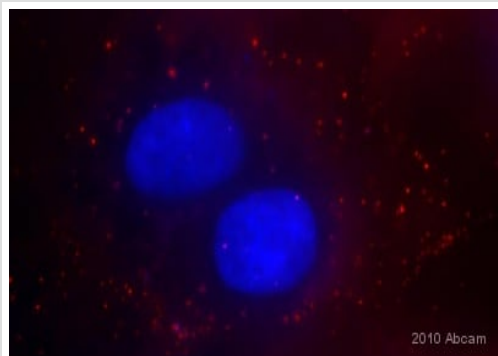
Application	Abreviews	Notes
Neutralising		Use at an assay dependent concentration. This antibody will neutralize Ad5 infection in a bioassay (1/25,000 dilution for 50 % inactivation of Ad5at 1000 particles/ml) - PMID: 14605137
ELISA	★★★★★ (1)	Use at an assay dependent concentration. Recognizes Ad5 immobilized on microtiter plates.
WB	★★★★★ (5)	Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

Target

Relevance

Adenoviruses are DNA viruses that cause upper respiratory tract infections, conjunctivitis, and other infections in humans. Adenoviruses were discovered in 1953. About 47 different types have been identified since then, and about half of them are believed to cause human diseases. Infants and children are most commonly affected by adenoviruses. Adenovirus infections can occur throughout the year, but seem to be most common from fall to spring. Adenoviruses are responsible for 3-5% of acute respiratory infections in children and 2% of respiratory illnesses in adults.

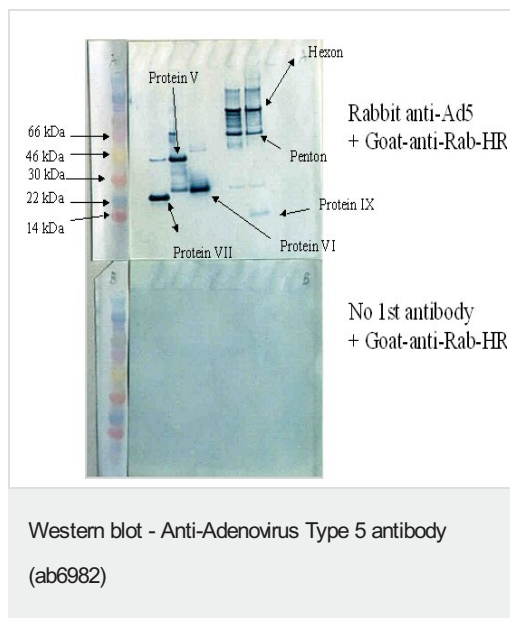
Images



ab6982 staining Adenovirus type 5 in human HeLa cells by Immunocytochemistry/ Immunofluorescence. The cells were fixed in paraformaldehyde, permeabilised in 0.1% Triton and then blocked using 0.1% BSA for 16 hours at 4°C. Samples were then incubated with primary antibody at 1/800 for 1 hour at 37°C. The secondary antibody used was a donkey anti-rabbit IgG conjugated to Alexa Fluor® 546 (red) used at a 1/1000 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-Adenovirus Type 5 antibody (ab6982)

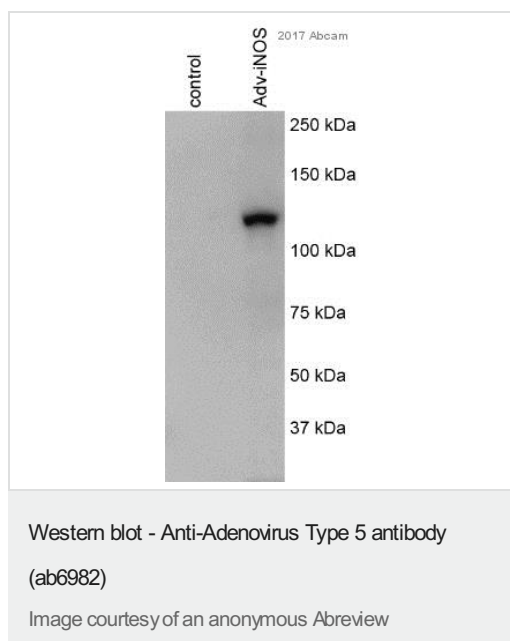
Image courtesy of an anonymous Abreview.



Top blot (A): ab6982 at a 1/4000 dilution staining Adenovirus type 5 capsid proteins by Western blot (ECL). Secondary = goat anti-rabbit (HRP conjugate).

Bottom blot (B): As above, except ab6982 omitted.

Top blot (A): ab6982 at a 1/4000 dilution staining Adenovirus type 5 capsid proteins by Western blot (ECL). Secondary = goat anti-rabbit (HRP conjugate). Bottom blot (B): As above, except ab6982 omitted.



All lanes : Anti-Adenovirus Type 5 antibody (ab6982) at 1/10000 dilution

All lanes : human hepatocytes whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP conjugated goat anti-rabbit secondary polyclonal antibody at 1/10000 dilution

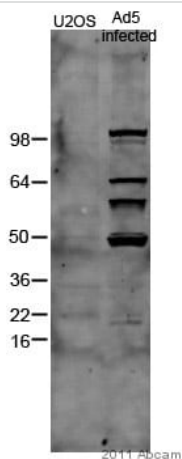
Developed using the ECL technique.

Performed under reducing conditions.

Observed band size: 130 kDa

Exposure time: 20 seconds

Blocked with 5% milk



Western blot - Anti-Adenovirus Type 5 antibody (ab6982)

Image courtesy of an anonymous Abreview.

All lanes : Anti-Adenovirus Type 5 antibody (ab6982) at 1/10000 dilution

Lane 1 : Whole cell lysate prepared from U2OS cells.

Lane 2 : Whole cell lysate prepared from U2OS cells infected with Adenovirus 5.

Lysates/proteins at 35 µg per lane.

Secondary

All lanes : Goat anti-rabbit conjugated to IRDye 700DX

Blocking step was performed using 5% milk for 1 hour at 23°C.

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

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