



Anti-Adenovirus Polyclonal antibody (DPAB0136)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Numerous Adenovirus proteins including hexon. Reacts with Adenovirus types 1, 2, 3, 5, 6, 7a, 8, 31, 40 and 41. Does not crossreact with Para 1-3, Influenza A & B, RSV, human MPV & Rhinovirus (type 16). Negative against HEp-2, LLCMK2 and Vero cell
Target	Adenovirus
Immunogen	Disrupted type 5 virions
Source/Host	Goat
Species Reactivity	Adenovirus
Purification	IgG fraction covalently coupled with high purity Isomer I of fluorescein Isothiocyanate
Conjugate	FITC
Applications	Suitable for use in ELISA, direct IFA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Concentration	4-5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA
Preservative	0.1% Sodium Azide
Storage	Short term (up to 6 months) store at 2-8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction

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.

Keywords

Adenovirus; Adenoviridae; Adenoviruses; Atadenovirus; Aviadenovirus; Ichtadenovirus; Mastadenovirus; Siadenovirus
