



Anti-Adenovirus Hexon Monoclonal antibody, Clone C1283M (DMAB2936)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Adenovirus hexon
Specificity	Recognizes native adenovirus from stool samples and purified hexon capsid protein.
Target	Adenovirus Hexon
Immunogen	Native adenovirus and hexon capsid protein Type 2 (ATCC)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Adenovirus
Clone	C1283M
Affinity Constant	Not determined
Purification	>90% pure. Ion exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in Immunochromatography one-step test, ELISA 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.
Format	Purified, Liquid
Concentration	7.7mg/ml (OD280nm)
Size	1 mg

Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Short term store at 2-8°C. Long term 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 Adeno_hexon; Adenovirus Hexon; Adenovirus hexon; Hexon protein; Late protein 2; PII; Adenovirus; Adenoviridae; Aviadenovirus; ADENOVIRUS; ADENOVIRUS F