

Monoclonal Antibody to Adenovirus Type 2 - 6 (Hexon) - Purified

Alternate names:	Adenovirus Hexon
Catalog No.:	AM01005PU-N
Quantity:	1 ml
Concentration:	0.1mg/ml
Background:	Adenoviruses are 70-90nm non-enveloped icosohedral viruses containing linear double-stranded DNA, which are unusually stable to adverse pH conditions and chemical or physical agents, and are responsible for respiratory infections such as the common cold, bronchitis, croup and pneumonia and may also cause gastroenteritis, pharyngitis, urethritis, conjunctivitis and cystitis. There are at least 51 immunologically distinct types of Adenovirus, which are categorised into the subgenera A-F based on different morphological, oncogenic, haemagglutinating and DNA sequence properties.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	1481
Format:	State: Liquid purified Ig Purification: Affinity chromatography on Protein A Buffer System: PBS, pH 7,2 containing 0.09% Sodium Azide
Applications:	ELISA: 1/20 - 1/200 Immunofluorescence: 1/10 - 1/50 Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the hexon group antigen of Adenovirus types 2, 3, 4, 5 and 6.
Storage:	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Ebner K, Pinsker W, Lion T. Comparative sequence analysis of the hexon gene in the entire spectrum of human adenovirus serotypes: phylogenetic, taxonomic, and clinical implications. J Virol. 2005 Oct;79(20):12635-42. PubMed PMID: 16188965.