

## ARG22777 anti-Adenovirus antibody [B025 (AD51)]

Package: 500 µg  
Store at: -20°C

### Summary

Product Description	<p>Mouse Monoclonal antibody [B025 (AD51)] recognizes Adenovirus</p> <p>This antibody recognizes all Human adenoviruses serotypes. The most common infections caused by adenovirus are respiratory tract infections but some infections may also lead to conjunctivitis, skin-rash, diarrhea and bladder infections. Infant and children are most commonly affected by adenoviruses. Adenoviruses are icosahedral non-enveloped linear double-stranded DNA viruses. There are at least 51 serotypes, which are categorized into 6 species (A-F) based on molecular criteria. The virus capsid is composed of three different proteins: 12 fiber attachment proteins associated with 12 penton base proteins and 240 hexon proteins, which form the main capsid component (Ebner et al. 2005). Mouse anti adenovirus antibody, clone B025 (AD51) reacts with the adenovirus specific hexon polypeptide. Due to their infectivity to both quiescent and proliferating cells, adenoviruses have also been used as vectors in vaccination and in gene therapy (Thomas et al. 2002 and Abad et al. 2002).</p>
Tested Reactivity	Virus
Tested Application	ELISA, IHC-Fr, IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	B025 (AD51)
Isotype	IgG2a
Target Name	Adenovirus
Species	Virus
Immunogen	Adenovirus type 3 (ATCC strain VR847).
Conjugation	Un-conjugated

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide

Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.