

Monoclonal Antibody to Adenovirus Fiber (Trimer only)

Catalog No.:	DM3003
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	2A6
Immunogen:	UV-irradiated Ad2 virus
Applications:	Immunofluorescence (1). Western Blotting: Ab 1 micrograms/ml for 2hrs at RT (1). Recommended positive control: Adenovirus infected cells and tissues. Not suitable for Inhibition of Ad2 attachment (2) Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes only trimers (high molecular weight bands 180-200 kD) on Western blots of unboiled Ad2 and Ad5 fiber proteins and shows immunofluorescence with Ad5 fiber mutant H5ts142-infected cells at 32°C but not at 39.5°C. Adenovirus capsid proteins are synthesized in the cytoplasm and transported to the nucleus for assembly into the virus particles. The three major capsid proteins (hexon, penton base, and fiber) are synthesized late in infection. Cellular Localization: nuclear.
	Mol. Wt. of Antigen: 180-200kD
Storage:	Store the antibody at 4°C. Do not freeze! Shelf life: one year from despatch.
General Readings:	1. Hong, J.S., Engler, J.A. Virology., 185, 758-767, 1991. Material Safety Data: 2. Hong, J.S., En

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com