OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM05218PU-N

Adenovirus Type 2 E1A Mouse Monoclonal Antibody [Clone ID: M73]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M73
Applications:	IF, IP
Recommended Dilution:	Immunoprecipitation (1-2 ug/ml): Adenovirus 2E1A recognizes adenovirus 2 and 5 E1A proteins, 3 bands at 30-50kDa, as well as, E1A associated proteins. Immunofluorescence: 2-5 ug/ml. 293 cells can be used as positive control and HS27 cells as negative control. **Positive Control:** 293 cells are human embryonic kidney cells that have been transformed with the adenovirus genes E1A and E1B, which are required for adenovirus propagation. This cell line can be used as a positive control for this antibody.
Reactivity:	Adeno-associated Virus 2, Adeno-associated Virus 5
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length recombinant adenovirus 2 E1A protein.
Specificity:	Adenovirus-infected cells and tissue.
Formulation:	PBS containing 0.08% Sodium Azide as preservative. State: Purified State: Liquid (sterile filtered) purified IgG fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Database Link:	P03254

View online »

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Background: The early region (E1) of the adenovirus genome, responsible for transforming activity, is localized within the left most 11% of the viral genome and consists of two transcriptional units E1A and E1B. E1A is sufficient for partial transformation and immortalization of primary Cells. E1A gene products are necessary for normal levels of transcription of the other early regions of the adenovirus genome during productive infection and are able to either activate or repress the transcription of specific cellular genes. E1A forms specific complexes with cellular proteins including p105 causing inhibition of the cell cycle inducing arresting function of p105.

Synonyms: Adenovirus Early Region 1

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