

Datasheet for Mob355-01**Adenovirus Monoclonal Antibody****Overview**

Description:	Anti-Adenovirus (MOUSE) Monoclonal Antibody - Mob355-01
Item No.:	Mob355-01
Size:	100 µL
Applications:	IHC
Reactivity:	Adenovirus
Host Species:	Mouse Balb/c

Product Details

Background:	The adenovirus early gene product E1A is a potent stimulator of cellular proliferation, which when overexpressed can overcome the growth-inhibitory effects of TGF- β . The E1A region encodes a series of related proteins (35-46 kDa) with multifunctional capabilities and forms a specific complex with the retinoblastoma tumor suppressor gene product. The E1A and E1B regions together comprise the transforming region of adenovirus. While expression of E1A alone is sufficient to immortalize primary cells, complete transformation requires the additional expression of the E1B region.
Synonyms:	Adenoviruses, DNA virus
Host Species:	Mouse Balb/c
Clonality:	Monoclonal
Clone ID:	M58 + M73
Format:	IgG

Target Details

Gene Name:	E1A
Reactivity:	Adenovirus
Immunogen Type:	Other
Immunogen:	Anti-Adenovirus Monoclonal Antibody was produced in BALB/C mice by repeated immunizations with adenovirus.

Purity/Specificity: This antibody reacts with adenovirus. The antibody is supplied as a purified immunoglobulin.

Application Details

Tested Applications:	IHC
Application Note:	Anti-Adenovirus (MOUSE) Monoclonal Antibody was tested in IHC-P with positive control adenovirus infected tissues. Cellular Localization: Nuclear. The user is advised to validate the use of the products with their tissue specimens prepared and handled in accordance with their laboratory practices. Consult references (Kiernan, 1981; Sheehan & Hrapchak, 1980) for further details on specimen preparation.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IHC:	1:25-1:50

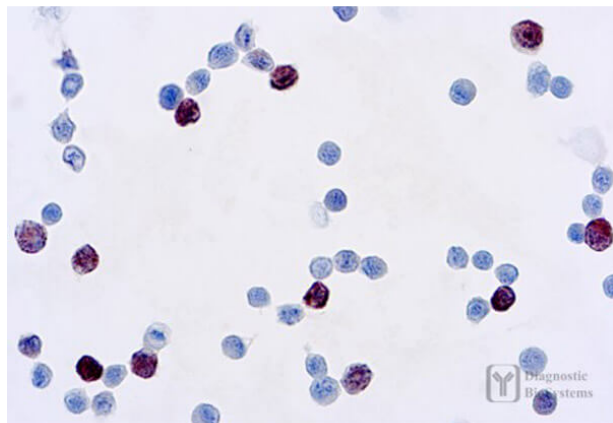
Formulation

Physical State:	Liquid
Concentration:	neat
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store at 2-8°C. This antibody is suitable for use until the expiration date when stored at 2-8°C. Do not use product after the expiration date printed on vial. If reagents are stored under conditions other than those specified here, they must be verified by the user. Diluted reagents should be used promptly. Unused portions of antibody preparation should be discarded after one day. The presence of precipitate or an unusual odor indicates that the antibody is deteriorating and should not be used.

Images

**Immunohistochemistry**

Immunohistochemistry of Mouse Anti-Adenovirus Antibody.
Formalin fixed paraffin embedded infected adenovirus cells.
Anti-Adenovirus at 1:25-1:50 for 30mins at RT.
Pretreatment: none.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.