

Mouse Adenovirus Monoclonal Antibody

Adenovirus

CATALOG # AAA13554	HOST Mouse	REACTIVITY Human; Paraffin, Frozen
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PRODUCT SYNONYMS

Adenovirus; Monoclonal Antibody; anti-Adenovirus antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human; Paraffin, Frozen
Clonality	Monoclonal
Isotype	IgG/K
Clone Number	20/11 and 2/6
Application Notes	Specimen Preparation: Paraffin sections: The antibody can be used on formalin-fixed paraffin-embedded (FFPE) tissue sections. Ensure tissue undergoes appropriate fixation for best results. Pre-treatment of tissues with heat-induced epitope retrieval (HIER) is recommended using ImmunoDNA Retriever with Citrate, ImmunoDNA Retriever with EDTA, or ImmunoDNA Digestor. See reverse side for complete protocol. Tissue should remain hydrated via use of Immuno/DNA Washer solutions. Frozen sections and cell preparations: The antibody can be used on acetone-fixed frozen sections and acetone-fixed cell preparations.
Immunogen	Adeno 3.
Localization	Cytoplasmic, Nuclear
Control	Adenovirus Infected Tissue
Precautions	1. This product contains <0.1% sodium azide (NaN₃) as a preservative. Ensure proper handling procedures are used with reagent. 2. Always wear personal protective equipment such as laboratory coat, goggles, and gloves when handling reagents. 3. Dispose of unused solution according to local and federal regulations. 4. Do not ingest reagent. If reagent is ingested, seek medical advice immediately. 5. Avoid contact with eyes. If contact occurs, flush with large quantities of water. 6. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar). 7. For additional safety information refer to Safety Data Sheet for this product. 8. For complete recommendations for handling biological specimens please refer to the CDC document, "Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories" (see References in this document).
Presentation	Anti-Adenovirus is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized, and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Mounting Protocols	For detailed instructions using biodegradable permanent mounting media such as XyGreen PermaMounter (please inquire) or organic solvent based resin such as PermaMounter (please inquire).
Product Limitations	Due to inherent variability present in immunohistochemical procedures (including fixation time of tissues, dilution factor of antibody, retrieval method utilized, and incubation time), optimal performance should be established through the use of positive and negative controls. Results should be interpreted by a qualified medical professional.
Intended Use	Analyte Specific Reagent. Analytical and performance characteristics for Adenovirus antibody, clone 20/11 and 2/6 are not established.

IMAGES

	
QC (Quality Control)	QC (Quality Control)
	
QC (Quality Control Procedure)	Dilution Information
	
IHC (Immunohistochemistry) Adenovirus antibody Immunohistochemistry on an FFPE Infected Liver Tissue	IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-Adenovirus antibody	Adenoviruses belong to the family Adenoviridae. They infect both humans and animals. Adenovirus was first isolated in human adenoids (tonsils), from which the name is derived. Adenoviruses are classified as group I under the Baltimore classification scheme. They are medium-sized (60-90 nm), non-enveloped icosahedral viruses containing double-stranded DNA.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.