

Mouse anti-Human Parvovirus Monoclonal Antibody

Parvovirus

CATALOG # AAA13563	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

Parvovirus; Monoclonal Antibody; anti-Parvovirus antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R92F6
Form/Format	Parvovirus is a mouse monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Applicable Applications for anti-Parvovirus antibody	IHC (Immunohistochemistry)
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 a 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 for labeling acetone-fixed frozen sections and acetone-fixed cell preparations.
Immunogen	Native parvovirus B19 purified from human plasma.
Localization	Cytoplasmic, Nuclear
Control	Parvovirus Infected Tissue
Reactivity	Paraffin, Frozen
Stability	This product is stable up to the expiration date on the product label. Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use, and avoid prolonged exposure to room temperature conditions.
Precautions	1. This product contains <0.1% sodium azide (NaN_3) as a preservative. Ensure proper handling procedures are used with this reagent. 2. Always wear personal protective equipment such as laboratory coat, goggles and gloves when handling reagents. 3. Dispose of unused solution with copious amount of water. 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 Laboratories" (see References in this document).

Mounting Protocols	For detailed instructions using biodegradable permanent mounting media such as XyGreen PermaMounter 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.
Preparation and Storage	Store at 2-8°C.

IMAGES



IHC (Immunohistochemistry)
IHC of Parvovirus B19 on a FFPE Infected Placenta Tissue



Application Data



Quality Control Procedure
This Antibody has been quality control tested by immunohistochemistry as follows:

ADDITIONAL INFORMATION

Related Product Information for anti-Parvovirus antibody	Parvovirus B19 belongs to the Parvoviridae family of small DNA viruses. It is classified as Erythrovirus because of its capability to invade red blood cell precursors in the bone marrow. Anti-Parvovirus antibody targets the capsid proteins VP1 and VP2 on Human Parvovirus.
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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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/parvovirus-antibody-clone-r92f6-immunohistochemistry-elisa/13563>