

Pneumocystis carinii Monoclonal Antibody

Pneumocystis carinii

CATALOG #
AAA59233

PRODUCT SYNONYMS

Pneumocystis carinii; Monoclonal Antibody; anti-Pneumocystis carinii antibody

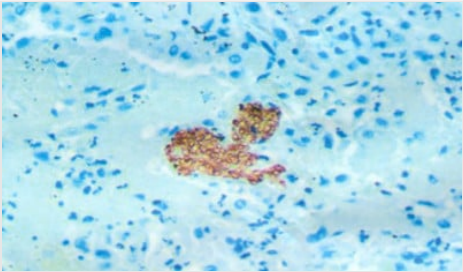
PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Isotype	IgM/k
Clone Number	3F6
Form/Format	Five slides of Pneumocystis Jirovecii positive tissues, each mounted on Hydrophilic Plus Slides, provided in a plastic mailer
Mounting Protocols	For detailed instructions using biodegradable permanent mounting media such as XyGreen PermaMounter or organic solvent based resin such as PermaMounter.
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.
Precautions	1. This product contains <0.1% sodium azide (NaN₃) 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 ADML" (see References in this document).
Immunogen	Pneumocystis jirovecii cysts isolated from human lung.
Localization	Membranous
Control	P. Jirovecii infected tissue
Presentation	Pneumocystis jirovecii 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.
Preparation and Storage	Store at 2-8°C (Control slides: store at 20-25°C).

IMAGES

Step	Incubation Time
Rinse slides in IF wash buffer	5 minutes
Drain and wipe excess IF wash buffer off slide	
Conduct remaining steps in the dark	
Apply Antibody	30-60 minutes
Rinse with 3 changes of IF wash buffer	3x15 minutes each
Coverslip with IF mounting medium	

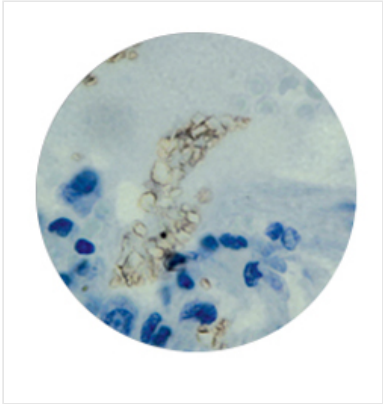
Application Data
Abbreviated Immunofluorescent Protocol



IHC (Immunohistochemisry)
Inset: IHC of Pneumocystis jirovecii on a FFPE Infected Lung Tissue

Step	ImmunoDetector AP/HRP	PolyDetector AP/HRP	PolyDetector Plus HRP
Peroxidase/AP Blocker	5 min.	5 min.	5 min.
Primary Antibody	30-60 min.	30-60 min.	30-60 min.
1st Step Detection	10 min.	30-45 min.	15 min.
2nd Step Detection	10 min.	Not Applicable	15 min.
Substrate- Chromogen	5-10 min.	5-10 min.	5-10 min.
Counterstain / Coverslip	Varies	Varies	Varies

Application Data
Abbreviated Immunohistochemical Protocol



IHC (Immunohiostchemistry)

Antibody Type	Dilution	Volume/QTY
Prediluted	Ready-To-Use	3.0 ml
Prediluted	Ready-To-Use	7.0 ml
Prediluted	Ready-To-Use	15.0 ml
Concentrated	1:25-1:100	0.1 ml
Concentrated	1:25-1:100	0.5 ml
Concentrated	1:25-1:100	1.0 ml
Control Slides		5

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-Pneumocystis carinii antibody

Anti-Pneumocystis jirovecii antibody reacts with an epitope on the yeast-like fungal microorganism, Pneumocystis jirovecii. that is resistant to formalin, picric acid, paraffin, as well as alcohol and xylene. No cross-reactivity has been demonstrated with other fungi or parasitic organisms.

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/pneumocystis-carinii-antibody-clone-3f6-elisa/59233>