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Product datasheet for AM32246SU-N

Pneumocystis carinii Mouse Monoclonal Antibody [Clone ID: 3F6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3F6
Applications:	IHC
Recommended Dilution:	**Immunohistochemistry on Frozen Sections.** **Immunohistochemistry on Paraffin Sections.** *Recommended Dilution:* 1/10-1/50. *Positive Control:* Infected Tissue. *Preparation and Pretreatment* 1. Cut 3-4 µm section of formalin-fixed paraffin-embedded tissue and place on positively charged slides; dry overnight at 58°C. 2. Deparaffinize, rehydrate, and epitope retrieve; the preferred method is the use of Heat Induced Epitope Retrieval (HIER) technique in conjunction with a pressure cooker. The preferred method allows for simultaneous deparaffinization, rehydration, and epitope retrieval. Upon completion, rinse with 5 changes of distilled or deionized water. 3. If using HRP detection system, place slides in peroxide block for 10 minutes; rinse. If using AP detection system, omit this step.
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Specificity:	Anti-Pneumocystis carinii antibody reacts with an epitope on the organism which is resistant to Formalin, Picric Acid, Paraffin, as well as Alchohol and Xylene. No cross-reactivity has been demonstrated with other fungi or parasitic organisms. *Cellular Localization:* Membranous
Formulation:	PBS, pH 7.4 State: Supernatant State: Liquid Tissue Culture Supernatant Stabilizer: 0.9% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated

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Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Background: *Pneumocystis carinii* is a fungal organism which is detected in Human tissues (typically in lung in immunocompromised patients) in the trophozoite stage.