Product datasheet

anti-Pneumocystis jirovecii mouse monoclonal, PRO227, lyophilized, purified

Short overview

Cat. No.	610227
Quantity	100 µg
Concentration	100 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	PRO227
Immunogen	Pneumocystis jiroveci (P. carinii) isolates
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC, WB
Reactivity	P. carinii

Applications

Immunocytochemistry (ICC)	1:20
Immunohistochemistry (IHC) - frozen	1:20
Western Blot (WB)	Assay dependent

Background

PRO227 antibody reacts specifically with P. jiroveci (P. carinii) pneumonia, staining especially cysts present in biopsy material, bronchial lavage and induced sputum samples. For bronchial lavage and induced sputum samples pretreatment of samples with 0.3% dithiothreitol or sputolysin is recommended. In Western blotting analysis the antibody identifies an antigen of 93 kD of P. jiroveci (P. carinii).

Product images



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