

Product datasheet

anti-Pneumocystis jirovecii mouse monoclonal, PRO225, lyophilized, purified

Short overview

Cat. No.	610225
Quantity	100 µg
Concentration	100 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	PRO225
Immunogen	Pneumocystis jirovecii (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

PRO225 antibody reacts specifically with *P. jirovecii* (*P. carinii*) pneumonia, staining cysts as well as trophozoite 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 2 antigens at 65/67 kDa of *P. jirovecii* (*P. carinii*). The antibody is also reactive with *P. jirovecii* (*P. carinii*) isolates from rat.

Product images



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References

Publication	Species	Application
Sethi, K. K. Application of immunoblotting to detect soluble <i>Pneumocystis carinii</i> antigen(s) in bronchoalveolar lavage of patients with <i>Pneumocystis pneumonia</i> and AIDS. Journal of Clinical Pathology.43(7):584-6, 43, (1990).	P. carinii	WB