

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. jiroveci (P. carinii). The antibody is also reactive with P. jiroveci (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