

## Product datasheet

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

#### Short overview

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

#### Product description

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

#### Applications

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

#### Background

PRO227 antibody reacts specifically with P. jirovecii (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. jirovecii (P. carinii).

#### Product images



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