

## Product datasheet

anti-Pneumocystis jirovecii mouse monoclonal, PRO226, lyophilized, purified

### Short overview

<b>Cat. No.</b>	610226
<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>	IgG3
<b>Clone</b>	PRO226
<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>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	ICC/IF, 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

PRO226 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 an antigen of 50 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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