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Datasheet for Mob091-01

Pneumocystis Carinii Monoclonal Antibody

Overview

Description:	Anti-Pneumocystis Carinii (MOUSE) Monoclonal Antibody - Mob091-01
Item No.:	Mob091-01
Size:	100 µL
Applications:	IHC
Reactivity:	Yeast
Host Species:	Mouse Balb/c

Product Details

Background:	Pneumocystis jiroveci pneumonia is an infection of the lungs. The disease used to be called Pneumocystis carini or PCP pneumonia. The infection typically affects immunocompromised systems. It is an extracellular fungal infection. Transmission seems to be through inhalation.
Synonyms:	Pneumocystis pneumonia, Pneumocystosis, PCP, Pneumocystis carinii, PJP pneumonia
Host Species:	Mouse Balb/c
Clonality:	Monoclonal
Clone ID:	3F6
Format:	CCS

Target Details

Reactivity:	Yeast
Immunogen Type:	Other
Immunogen:	Anti-Pneumocystis Carinii antibody was produced in BALB/C mice by repeated immunizations with P. carinii cysts isolated from human lung.
Purity/Specificity:	The antibody was clarified from tissue culture supernatant. This antibody reacts with P. carinii in the fixed human tissues. The antibody is specific against an 82 kDa parasite specific polypeptide. It does not cross-react with G. lamblia, T. gondii, T. cruzi, L. tropica, E. histolytica, C. albicans and P. falciparum.

Application Details

Tested Applications:	IHC
Application Note:	Anti-Pneumocystis Carinii (MOUSE) Monoclonal Antibody was tested in IHC-P with positive control infected lung tissues. Cellular Localization: Alveolar spaces. The user is advised to validate the use of the products with their tissue specimens prepared and handled in accordance with their laboratory practices. Consult references (Kiernan, 1981: Sheehan & Hrapchak, 1980) for further details on specimen preparation.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IHC:	1:25-1:50

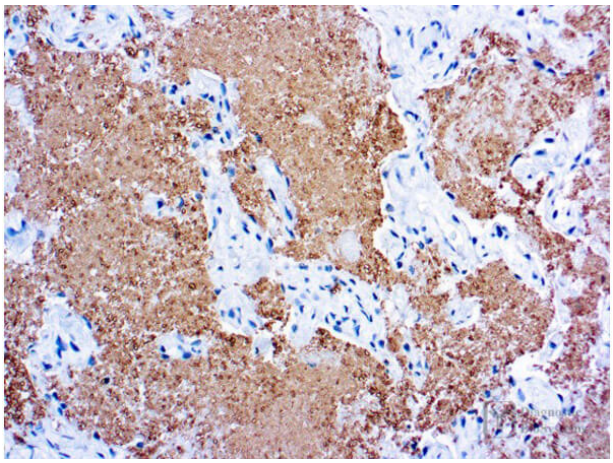
Formulation

Physical State:	Liquid
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store at 2-8°C. This antibody is suitable for use until the expiration date when stored at 2-8°C. Do not use product after the expiration date printed on vial. If reagents are stored under conditions other than those specified here, they must be verified by the user. Diluted reagents should be used promptly. Unused portions of antibody preparation should be discarded after one day. The presence of precipitate or an unusual odor indicates that the antibody is deteriorating and should not be used.

Images



Immunohistochemistry
Immunohistochemistry of Mouse Anti-Pneumocystis Carinii Antibody. Formalin fixed paraffin embedded human infected lung tissue. Anti-Pneumocystis Carinii at 1:25-1:50 for 60mins at RT. Pretreatment: Citrate buffer pH 6.0.

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