RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross,GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and DataSheet

Mouse Anti Filamentous Phages, M13, fd, F1

Biotin conjugated

Catalog No.	Species	Isotype
MD-14-0419	Viral	IgG_{2b}

Preparation

Host Animal: Mouse
Source: Tissue culture
Immunogen: fd phages from E. coli F^+ strain (JM109)
Purification: Protein A chromatography

Specificity

MD-14-0419 is a monoclonal antibody to Filamentous Phages M13/fd/F1. It binds to an epitope on pVIII (phage coat protein) covering the N-terminal region of g8p AEGDDPAKAAFDSLQASAT.

Formulation

Format: Biotin, Liquid
Concentration: 100 ug/ml
Buffer: PBS, pH 7.4 containing 0.5% BSA
Preservative: 0.09% Sodium azide

.

Storage

Store at 2–8°C.
Centrifuge before opening to ensure complete recovery of vial contents.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.

RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross,GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	
ELISA	.			1:500–1:1,000
Immunoblotting	.			
Phage Display (Immunoassays)	.			Identification of recombinant antigen or antibody phages

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

References:

The references listed below are for research purposes only.
1. Micheel, B., et al., (1994), "Production of monoclonal antibodies against epitopes of the main coat protein of filamentous fd phages", J. Immunol. Methods, **171**, 103–109
2. Kneissel, S., et al., (1999), "Epitope structures recognizes by antibodies against the major coat protein (g8p) of filamentous bacteriophage fd (Inoviridae)", J. Mol. Biol., **288**, 21–28.
3. Rondot, S., et al., (2001), "A helper phage to improve single-chain antibody presentation in pahge display", Nature Biotechnology, **19**, 75–78.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.