

Anti-M13 antibody



Catalog Number: 100368

Product name

Anti-M13 antibody

Specificity

The antibody binds specifically to phage coat proteins of fd phage or M13 phage

Antibody description

Mouse monoclonal to M13

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with M13 Bacteriophage. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography and then conjugated with Biotin.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

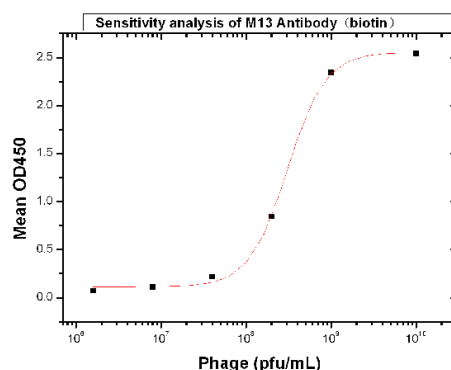
ELISA

Dilutions

ELISA: 0.1-0.4 µg/mL

This antibody can be used at 0.1-0.4 µg/mL in ELISA.

Validations



M13 Bacteriophage Antibody (Biotin), Mouse MAb, ELISA

Coating: Coat corresponding Protein (20 µg/mL in pH 9.6 carbonate buffer) in NUNC plate

Sample: Add the indicated amounts of M13 Bacteriophages displaying Rabbit/Mouse Fab targeted for different proteins

Primary Antibody: M13 Antibody (11973-MM05-B), 0.365 µg/mL

Secondary Antibody: Streptomycin/HRP, 1 µg/mL