

# Anti-M13 antibody



Catalog Number: 100407

## 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.

## Formulation

0.2  $\mu$ m 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

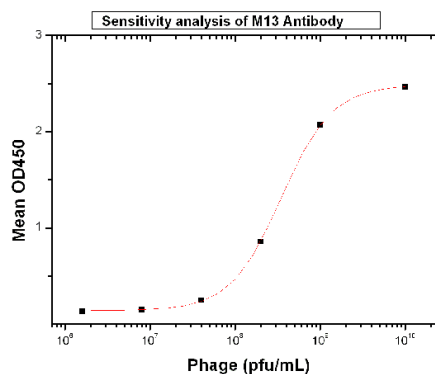
ELISA

## Dilutions

ELISA: 0.1-0.4  $\mu$ g/mL

This antibody can be used at 0.1-0.4  $\mu$ g/mL in ELISA.

## Validations



M13 Bacteriophage Antibody, Mouse Mab, ELISA

**Coating:** Coat corresponding Protein (20  $\mu$ g/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-N), 0.365  $\mu$ g/mL

**Secondary Antibody:** anti-mouse F(ab)<sub>2</sub> Antibody/HRP