

Product Data Sheet

**Anti-Mouse IgM, F(ab)2**

<b>Cat #</b> 40222	Rabbit Anti-Mouse IgM, F(ab)2, unlabeled	<b>Size:</b> 250 ug
<b>Cat #</b> 40223	Goat Anti-Mouse IgM, F(ab)2, unlabeled	<b>Size:</b> 250 ug

**Description**

Goats or rabbits were immunized with antigen grade mouse IgM. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography. Antibodies were made specific for mu-chain by removing any antibodies crossreactive with light chains.

F(ab)2 fragments of anti-mouse IgM antibody is prepared by pepsin treatment. The intact antibody and Fc fragments have been removed from the purified F(ab)2 fragment. The protein concn is determined by  $E(1\%)=14$  at 280 nm.

**Form and Storage**

The antibody is provided as liquid 0.01M PBS, pH 7.4 containing and 0.05% azide as preservative. It is supplied at 1 mg/ml (250 ug/250 ul).

The product should be stored at 4°C and is stable for several months. We recommend storing antibodies at -20°C or below, in small aliquots, for long term storage. Do not store diluted working solutions. Avoid repeated freeze and thaw.

**Purity/Specificity**

Antibody specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with mouse IgM with minimal reactivity with mouse IgA and IgG. The antibody may recognize other species IgM's that have common gamma chains. However, no antibody reaction is detected with other serum proteins.

**Recommended Working Dilutions**

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Working solution should be prepared immediately before use and any unused diluted solution should be discarded.

**Country of Origin:** USA

**Related Material available for ADI**

**ELISA Kits for measuring Mouse Proteins**

Albumin, IgG, IgM, IgA, IgE, IgG1, IgG2a, IgG2b, IgG3; Other species also available.

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

**Western blot recycling kit** (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

**Chemiluminescence Substrates and Western blot kits** (save by complete kit that includes Anti-rabbit IgG-HRP conjugate, blocking buffer, wash buffer, and Chemiluminescence Substrates for processing 15-30 std size blots).

This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

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