



MP Biomedicals, LLC.

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200

Toll Free: 800/854-0530

Fax: 440/337-1180

mailto:biotech@mpbio.com

web: www.mpbio.com

cappel

**ANTIBODY AFFINITY GEL
GOAT AFFINITY PURIFIED ANTIBODY TO
RABBIT IGG (WHOLE MOLECULE) - 2ML**

Catalog #: 55696

Lot #: 03386

Binding Capacity: 1.41 mg IgG/ml of gel

DESCRIPTION:

Product is goat affinity purified antibody to rabbit IgG (whole molecule) covalently coupled to 2 ml of Sepharose-4B, and packed in a polystyrene chromatography column.

The chromatography gel is in 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide and 10% glycerol (v/v).

USES:

The chromatography gel can be used for purification of rabbit immunoglobulins (See Protocol for Affinity Purification). With appropriate elution buffers, the gel may be re-used.

PROTOCOL FOR AFFINITY PURIFICATION

1. Wash column several times with 0.02M PBS, pH 7.3. (0.05% sodium azide is optional.) - **DO NOT ALLOW GEL TO BECOME DRY.**
2. Apply sample in 0.02M PBS, pH 7.3.
3. Wash column with 0.02M PBS, pH 7.3.
4. Elute with freshly prepared 0.5% glacial acetic acid (v/v) with 0.15M sodium chloride. The pH should be at or just below 3.5.
5. Dialyze eluate into a buffer, e.g., PBS. Avoid leaving in acetic acid for a prolonged period.
6. Wash column several times with 0.02M PBS, pH 7.3 immediately after use. (Addition of 0.05% sodium azide or other preservative to the equilibration buffer is recommended to inhibit microbial growth during storage.) **DO NOT ALLOW GEL TO BECOME DRY.** Store at 2-8°C.

SPECIFICATIONS:

The antibody shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Each ml of gel has a minimum binding capacity of 1.0 mg of rabbit IgG. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins.

STORAGE:

Store product at 2-8°C. Addition of 0.05% sodium azide or other preservative to the equilibration buffer is recommended to inhibit microbial growth during storage. Do not freeze.

WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55961 RABBIT IGG AFFINITY GEL 2ML
55259 AFF.PUR. GOAT ANTI-HUMAN IGG (WM) AFF. GEL 2ML
55581 AFF.PUR. GOAT ANTI-MOUSE IGG (WM) AFF. GEL 2ML
55786 AFF.PUR. GOAT ANTI-RAT IGG (WM) AFF. GEL 2ML
55944 PURIFIED RABBIT IGG 50MG
55926 PURIFIED GOAT IGG 50MG

Sepharose-4B is a registered trademark of Pharmacia.


Approved by: Joseph Dietz, Ph.D.
Quality Control Director

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OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**