



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

**RABBIT IGG FRACTION TO
BOVINE ALBUMIN - 5ML**

Catalog #: 55275

Lot #: 08008

Total Protein: 34.5 mg/ml
Antibody Protein: 6 mg/ml

DESCRIPTION:

Product is the lyophilized powder of rabbit IgG fraction to bovine albumin and buffer salts.

The IgG fraction is prepared from the specific rabbit antiserum by delipidation, ammonium sulfate fractionation and anion exchange chromatography. The resulting IgG fraction is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22 μ m filter, vialled and lyophilized.

USES:

This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers, and for attachment to solid supports for use as an immunoabsorbant.

This product is suitable for use as a primary reagent in enzyme immunoassays, fluorescein immunoassays and blot, cell or tissue immunostaining See **Related Product Ordering Information**.

SPECIFICATIONS:

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized to an in-house standard by equivalence-point precipitation. Each IgG fraction is tested for purity and specificity at a minimum of 40 mg/ml using immunoelectrophoresis. The product is mostly rabbit IgG; no trace of albumin is detected. It shows reactivity to bovine albumin; cross-reactivity to other species may exist. Antibody activity to other serum proteins is not present.

EXPIRATION DATE:

3/31/2025

RECONSTITUTION:

Reconstitute product with 5.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

STORAGE:

Store lyophilized product at 2-8°C. For long term storage, aliquot and store reconstituted product frozen at -20°C or lower.

WARNING AND CAUTION:

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

RELATED PRODUCT**ORDERING INFORMATION:**

Catalog # Description Size

55269	RABBIT ANTI-BOVINE ALBUMIN	2ML
55281	FITC RABBIT ANTI-BOVINE ALBUMIN	2ML
55283	RHO RABBIT ANTI-BOVINE ALBUMIN	2ML
55285	HRP RABBIT ANTI-BOVINE ALBUMIN	2ML
55918	PURIFIED BOVINE ALBUMIN	50MG



Approved by: John Huang, PhD
Quality Control Manager

TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.