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Control Mouse IgG For Western Blot

Catalog # ASR1005

Product Information

Description	Control Mouse IgG for Western Blot
Conjugate	Unconjugated
Physical State	Liquid (sterile filtered)
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	50% (v/v) Glycerol
Preservative	0.01% (w/v) Sodium Azide and 0.01% (w/v) Gentamicin Sulfate

Additional Information

Shipping Condition	Ambient
Application Note	This product is a normal IgG control for use with Rockland Colorimetric Western Blot Kit: TMB/DAB Substrate Kit for Western Blot using Mouse Primary Antibody (Catalog number KIA002). See Kit insert for complete instructions.
Purity	This product was prepared from normal Mouse serum by a multi-stage process which includes delipidation, salt fractionation and ion exchange chromatography. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG and anti-Mouse Serum.
Storage Condition	See kit insert for complete instructions.
Precautions Note	This product is for research use only and is not intended for therapeutic or diagnostic applications.

Background

This western blotting kit allows for the detection of primary mouse polyclonal or monoclonal antibody provided by the user. After protein separation and transfer, the membrane is probed with primary antibody. The first step in the detection of the membrane bound primary antibody-antigen complex is the addition of a secondary antibody that has been affinity purified, cross-adsorbed, and biotinylated. This biotinylated secondary antibody is visualized after reaction with streptavidin-peroxidase conjugate and subsequent addition of either TMB or DAB substrates. The increased sensitivity and low background achieved by Rockland Immunochemicals' Western Blotting Kit relies on the use of an enhanced streptavidin-peroxidase conjugate and a highly active biotinylated antibody. The streptavidin carries a neutral charge and fewer carbohydrate groups than positively charged avidin. The biotin incorporates a ''spacer'' group that allows for better accessibility of the streptavidin-peroxidase conjugate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.