10320 Camino Santa Fe, Suite G
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Control Mouse IgG For Western Blot

Catalog # ASR1005

Specification

Control Mouse IgG For Western Blot - 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**

Control Mouse IgG For Western Blot - Additional Information

Shipping Condition
Ambient

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.

Control Mouse IgG For Western Blot - Protein Information

Control Mouse IgG For Western Blot - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Control Mouse IgG For Western Blot - Images

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Control Mouse IgG For Western Blot - 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.