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MOUSE ANTI-RETINAL PIGMENT EPITHELIUM 65 (RPE65) MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB5428

LOT NUMBER:

QUANTITY: 100 μg

CONCENTRATION: 1 mg/mL

SPECIFICITY: Reacts with Retinal Pigment Epithelium 65 (RPE65). On bovine RPE membranes the antibody recognizes a protein with a molecular weight of ~65 kDa.

IMMUNOGEN: Bovine RPE microsomal membranes.

ISOTYPE: IgG_1

APPLICATIONS: Western blot: 1:5,000-1:10,000 on bovine RPE membranes using ECL. Suggested dilution buffer is TBS containing 10% calf serum, 0.25% T-20, 1M D-glucose with 10% glycerol. Suggested blocking buffer is TBS containing 2% BSA and 0.5% Tween 20. Preferred gel percentage is 10%.
Immunohistochemistry on frozen tissue sections: 1:250-1:500
Immunoprecipitation: 20 μg of antibody in a reaction volume of 500 μL.
Immunoaffinity purification
ELISA
Optimal working dilutions must be determined by end user.

SPECIES REACTIVITY: Human, mouse, rat, bovine, monkey, chicken and *Xenopus laevis*. Other species have not yet been tested.

FORMAT: Purified immunoglobulin.

PRESENTATION: Liquid in PBS.

STORAGE/HANDLING: Maintain at 2-8°C in undiluted aliquots for up to 6 months after date of receipt.

REFERENCE: Nicoletti, A., et al., *Hum. Mol. Genet*. (1995) **4**:641-649.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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