

## SPECIFICATION SHEET

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** K23300R **Lot #:** 2C08910

**Description:** Rabbit anti Mouse Apo B48/100  
Rabbit Antibody to Mouse Apolipoprotein B48/100 (Apo B48/100)

**Specificity:** Recognizes mouse as well as human Apo B48 and B100 as these proteins are highly conserved.

**Host Animal:** New Zealand Rabbit

**Immunogen:** Mouse low density lipoprotein (LDL)

**Format:** Neat, Liquid

**Purification:** Not applicable  
Heat inactivated  
Product is 0.22 $\mu$ m filtered.

**Concentration:** Not determined  
Titer: 1:30 (RID)

**Buffer:** Not applicable

**Preservative:** 0.05% Sodium azide

**Application:** Radial immunodiffusion assay and immunoblotting. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Upon receipt, aliquot and store at -70°C. Avoid multiple freeze/thaw cycles.

**Warning:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

**References:**

The references listed below are for research purposes only.

1. Basso, F., et al., (2007), "Hepatic ABCG5/G8 Overexpression Reduces apoB-lipoproteins and Atherosclerosis When Cholesterol Absorption is Inhibited", J. Lipid Res., **48**:114-126
2. Brown, R.J., et al., (2004), "Severe Hypoalphalipoproteinemia in Mice Expressing Human Hepatic Lipase Deficient in Binding to Heparan Sulfate Proteoglycan", The Journal of Biological Chemistry, **279**(41): 42403-42409
3. Fu, T., et al., (2004), "The peroxisome Proliferator-activated Receptor alpha (PPAR alpha) Agonist Ciprofibrate Inhibits Apolipoprotein B mRNA Editing in Low Density Lipoprotein Receptor-deficient Mice", The Journal of Biological Chemistry, **279**(27): 28662-28669
4. González-Navarro, H., et al., (2004), "The Ligand-binding Function of Hepatic Lipase Modulates the Development of Atherosclerosis in Transgenic Mice", The Journal of Biological Chemistry, **279**(44): 45312-45321
5. Maric, J., et al., (2005), "Intracellular Lipidation of Newly Synthesized Apolipoprotein A-I in Primary Murine Hepatocytes", The Journal of Biological Chemistry, **280**(48): 39942-39949
6. Hayhurst, G.P., et al., (2001), "Hepatocyte Nuclear Factor 4alpha (Nuclear Receptor 2A1) is Essential for Maintenance of Hepatic Gene Expression and Lipid Homeostasis", Molecular and Cellular Biology, **21**(4): 1393-1403
7. Vaisman, B.L., et al., (2001), "ABCA1 overexpression leads to hyperalphalipoproteinemia and increased biliary cholesterol excretion in transgenic mice", J. Clin. Invest., **108**: 303-309