

## Innovative Research, Inc.

46430 Peary Court  
Novi, Mi 48377  
TEL: (248) 896.0145  
FAX: (248) 896.0149  
Web Site: <http://www.innov-research.com>

# Certificate of Analysis

**Product:** Murine Monoclonal against anti human 85 kDa low density LRP  
(clone 1) – MA-5A6

**Date:** 16 June, 2005

**Lot:** MA-5A6

**Molecular Weight:** 160.000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: Not determined

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 2.72  $\epsilon^{0.1\%} = 1.36$   
Concentration = 2.0 mg/mL

### Applications:

Cross-reacts with rabbit and mouse LRP, will not block ligand binding.

ELISA at 1:10,000, western blot using non-reducing conditions at 1-5 ug/ml.

Immunohistochemistry using paraffin and frozen sections at 1-10 ug/ml.

Flow cytometry will recognize an epitope on the extracellular domain. Precise epitope location unknown, binding competition with MA-8B8 unknown.

### Considerations:

Monoclonal antibody produced in mouse ascites.

Class: IgG2b

Storage Conditions: Store frozen at -70°C – stability > 1yr

Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl;  
1mM EDTA; pH 6.6

### References for LRP Monoclonal Antibodies:

Strickland et al. *J.Biol.Chem*, **265**, 17401-17404, 1990. Western blotting, purified human LRP.

Coukos et al. *American J. Pathology*, **144**, 383-392, 1994. Histochemical localization of LRP in human placental tissue, and in cultured trophoblasts.

Rebeck et al. *Neuron*, **11**, 575-580, 1993. Histochemical localization of LRP in human.