

## Molecular Innovations, Inc.

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# Certificate of Analysis

**Product:** Mouse monoclonal to human VLDL Receptor – MA-5F3

**Date:** February, 2008

**Lot:** MA-5F3-208

**Molecular Weight:** 160,000 by SDS PAGE

### Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: Not determined

### Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 4.08  $\epsilon^{0.1\%} = 1.36$   
Concentration = 3.0 mg/mL

### Applications:

Monoclonal antibody produced in. Useful for ELISA and western blot under reducing and non-reducing conditions.

### Considerations:

Monoclonal antibody produced in cell culture.

Class: IgG1

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

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

### References:

The apoE isoform binding properties of the VLDL receptor reveal marked differences from LRP and the LDL receptor.

Jose Ruiz, Diana Kouivskaia, Molly Migliorini, Susan Robinson, Evgueni L. Saenko, Natalia Gorlatova, Donghua Li, Daniel Lawrence, Bradley T. Hyman, Karl H. Weisgraber, and Dudley K. Strickland  
J. Lipid Res., Aug 2005; 46: 1721 - 1731.

*Duane E. Day*

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