

Molecular Innovations, Inc.

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Certificate of Analysis

Product: Murine Monoclonal against anti human RAP - MA-7F1

Date: 30 November 2006

Lot: MA-7F1-1106

Molecular Weight: 160,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: Not determined

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 5.5 $\epsilon^{0.1\%}$ = 1.36
Concentration = 4.0 mg/mL

References:

Kounnas et al. (1992) J. Biol. Chem. 267:21162-6.

Medh, J.D. et.al (1995) J. Biol. Chem. 270:536-540.

Considerations:

Monoclonal antibody produced in mouse ascites.

Class: IgG1k

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

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

Applications:

Recognizes the 39 kD low density lipoprotein receptor-associated protein (RAP). Maps to the ~13 kDa N-terminal portion of RAP. No cross-reaction with rabbit or mouse RAP.

Western blot using non-reducing conditions at 1 ug/ml.

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

Duane E. Day

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