

Molecular Innovations, Inc.

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Certificate of Analysis

Product: Mouse monoclonal antibody to human Vitronectin - HVN1D144

Date: October, 2004

Lot: 615-1D144-1004

Molecular Weight: ~160,000 by SDS PAGE

Physical Specifications:

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

Spectrophotometric Data:

Ultraviolet: Absorbance (280nm) = 8.5 $\epsilon^{0.1\%} = 1.36$
Concentration = 6.25 mg/mL

Description:

Inhibitory monoclonal antibody to human vitronectin produced in mouse. This antibody blocks smooth muscle and endothelial cell adhesion to vitronectin. Does not cross-react with mouse vitronectin. Suitable for ELISA of monomeric and multimeric human vitronectin. Suitable for western blotting of monomeric human vitronectin under non-reducing conditions.

Considerations:

Class: IgG
Clone: 615.1D1.44
Storage Conditions: Store frozen at -70°C – stability > 1yr
Buffer Composition: 0.05 M Sodium Phosphate; 0.1 M NaCl;
1 mM EDTA; pH 6.6
Other: > 98% pure by SDS PAGE

Duane E. Day

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