

**Molecular Innovations, Inc.**

21315 Hilltop Street  
Southfield, MI 48036  
TEL: (248) 353-4927  
FAX: (248) 353-4929  
Web Site: <http://www.mol-innov.com>

# Certificate of Analysis

**Product:** Mouse monoclonal antibody to human PAI-1 – PAI3E529

**Date:** May, 2006

**Lot:** PAI3E529-506

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

**Physical Specifications:**

Physical Appearance: colorless frozen solution

Solubility: > 2 mg/mL

**Spectrophotometric Data:**

Ultraviolet: Absorbance (280nm) = 4.3     $\epsilon^{0.1\%} = 1.36$   
Concentration = 3.16 mg/mL

**Description:**

Monoclonal antibody to human PAI-1 produced in mouse ascites and purified by protein G.

Recommended for ELISA detection and western blotting of complexed forms of PAI-1. Not yet tested for IHC.

**Considerations:**

Class: IgG1k

Clone: 671.3E5.29

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*

Duane E. Day