Enzyme Research Laboratories
1801 Commerce Drive
South Bend, IN U.S.A. 46628
(574) 288-2268 * Fax (574) 288-2272
Website: www.enzymeresearch.com
Email: info@enzymeresearch.com

Murine Anti-Plasminogen

Clone 030

Plasminogen, precursor of the active protease plasmin, is a single chain glycoprotein of 92 kDa. Found in plasma at a concentration of 200 ug/ml, it contains 5 disulfide-bonded structures termed “kringles” and a serine protease domain at the carboxy-terminus. Plasmin is primarily responsible for digesting fibrin clots. Mab HPG-030 binds human plasminogen kringle 5 B-chain in solid-phase ELISA. Antibody inhibits plasminogen activation by streptokinase, tPA and uPA.

Applications

Working Concentration:	Approximately 1-5 µg/ml. Researcher should titer antibody in specific assay.
ELISA:	Binds plasminogen kringle 5 B-chain.
Inhibition:	Inhibits plasminogen activation by streptokinase, tPA and uPA.

Description

Antibody Source:	mouse monoclonal, IgG_1
Antigen Species Bound:	human
Specificity:	Kringle 5 B-chain
Immunogen:	human plasminogen

Formulation and Storage

Purity:	Purified by protein G affinity chromatography from serum-free cell culture supernatant.
Product Formulation:	Lyophilized from a ≥1 mg/ml solution in 20 mM NaH_2PO_4 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 ($\varepsilon_{0.1\%}$).
Reconstitution:	Reconstitute with deionized water.
Storage:	Store lyophilized or reconstituted and aliquoted material at -20°C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, add 0.02% (w/v) sodium azide to reconstituted solution and store at 4°C.
Country of Origin:	USA
Size Options:	0.1 mg or 0.5 mg