

**TECHNOCLONE MONOCLONAL ANTIBODY
7 PG**

Specificity

Positive reaction with free Plasminogen or Plasmin in complex with α -2-antiplasmin complexes. Directed against an epitope on the kringle 4 elastase fragment of plasminogen (1).

Derivation

Hybridization of NSO cells with spleen cells from a BALB/c mouse immunized with purified human plasminogen.

Antibody class

IgG₁

Purification

The antibody is purified from murine ascites by affinity chromatography on immobilized recombinant Protein A. The purity of the product is tested by Laemmli SDS-PAGE.

Application

For research use only.
- Biochemical and pharmacological studies

Handling and storage

The antibody is lyophilized from a 1 mg/mL solution in isotonic phosphate buffered saline, pH 7.4, containing 0.02% sodium azide and 20 mg/mL mannitol. It is supplied in vials of 500µg and should be reconstituted with 0.5 mL distilled water.

For extensive dilutions a protein containing solution should be used (e.g. 1% bovine serum albumin in PBS).

Lyophilized antibody should be stored at 4°C. Reconstituted antibody should be aliquoted and stored at -20°C or lower. Avoid repeated freeze-thaw cycles.

Literature

- 1) E. Hattey, J.Wojta, and B.R.Binder: Monoclonal antibodies against plasminogen and α -2-antiplasmin: Binding to native and modified antigens. Thrombosis Research 45: 485, 1987