**REFERENCE**


**CHROMOSOMAL LOCATION**

Genetic locus: PLG (human) mapping to 6q26; Plg (mouse) mapping to 17 A1.

**SOURCE**

plasminogen (10A1) is a mouse monoclonal antibody raised against purified plasminogen of human origin.

**PRODUCT**

Each vial contains IgG1 in 100 µl of PBS with < 0.1% sodium azide and 0.1% gelatin.

**APPLICATIONS**

Plasminogen (10A1) is recommended for detection of plasminogen of mouse, rat and human origin by Western Blotting (starting dilution to be determined by researcher, dilution range: 1:100-1:5000), immunoprecipitation (1-2 µl per 100-500 µg of total protein [1 ml of cell lysate)] and solid phase ELISA (starting dilution to be determined by researcher, dilution range: 1:30-1:5000).

Suitable for use as control antibody for plasminogen siRNA (h): sc-40857, plasminogen siRNA (m): sc-40858, plasminogen shRNA Plasmid (h): sc-40857-SH, plasminogen shRNA Plasmid (m): sc-40858-SH, plasminogen shRNA (h) Lentiviral Particles: sc-40857-V and plasminogen shRNA (m) Lentiviral Particles: sc-40858-V.

Molecular Weight of plasminogen: 90 kDa.

Positive Controls: human plasma extract: sc-364374.

**RECOMMENDED SUPPORT REAGENTS**

To ensure optimal results, the following support reagents are recommended: 1) Western Blotting: use m-IgG® BP-HRP: sc-516102 or m-IgG® BP-HRP (Cruz Marker): sc-516102-CM (dilution range: 1:1000-1:10000), Cruz Marker™ Molecular Weight Standards: sc-2035, UltraCruz® Blocking Reagent: sc-516214 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-516214 and Western Blotting Luminol Reagent: sc-2048. 3) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-516214 and Western Blotting Luminol Reagent: sc-2048. 4) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-516214 and Western Blotting Luminol Reagent: sc-2048.

**DATA**

For research use only, not for use in diagnostic procedures.

**STORAGE**

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**SELECT PRODUCT CITATIONS**


**RESEARCH USE**

For research use only, not for use in diagnostic procedures.