

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Plasminogen Kringle 5 in direct ELISAs and Western blots. In direct ELISAs, less than 10% cross-reactivity with recombinant human Angiostatin (Kringle 1-3) is observed. This antibody is expected to show cross-reactivity with mouse
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant mouse Plasminogen Kringle 5 Cys481-Ala563 Accession # AAA50168
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Plasminogen is a coenzyme that has five triple disulfide-linked kringle domains. It is converted to plasmin by plasminogen activators. Internal fragments of plasminogen, including the naturally occurring angiostatin isoforms and Kringle 5, can also be generated by proteolytic cleavage. These internal fragments have been shown to be potent angiogenesis inhibitors (1).

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