

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Plasminogen Kringle 5 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Plasminogen Kringle 5 is observed.
Source	Monoclonal Rat IgG ₁ Clone # 120304
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse Plasminogen Kringle 5 Cys481-Ala563 Accession # AAA50168
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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.

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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