

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse uPA in direct ELISAs and Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 901420
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse uPA Met1-Phe433 Accession # P06869
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

Urokinase-type plasminogen activator (uPA) is a 378 amino acid enzyme which cleaves the zymogen plasminogen to form the active enzyme plasmin. uPA occurs in high and low molecular mass forms each consisting of two chains (A and B). The high mass form has a long A chain while the low mass form has a short chain AuPA is widely expressed in normal tissues including epithelia, muscle, reproductive organs and brain, and is highly expressed in kidney, where it localizes to proximal and distal tubules and is secreted into urine. uPA is known to play a role in wound healing and tissue remodeling and tumor invasion

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