

Monoclonal Antibody to uPA / PLAU - Purified

Alternate names:	U-plasminogen activator, Urokinase, Urokinase-type plasminogen activator, Urokinase-type plasminogen activator chain B, Urokinase-type plasminogen activator long chain A, Urokinase-type plasminogen activator short chain A
Catalog No.:	AM05150PU-N
Quantity:	1 mg
Background:	Urokinase is a serine protease involved in degradation of the extracellular matrix and possibly tumor cell migration and proliferation. A specific polymorphism in the Urokinase gene may be associated with late onset Alzheimer disease and also with decreased affinity for fibrin binding. This protein converts plasminogen to plasmin by specific cleavage of an Arg Val bond in plasminogen. The proprotein is cleaved at a Lys Ile bond by plasmin to form a two chain derivative in which a single disulfide bond connects the amino terminal A chain to the catalytically active, carboxy terminal B chain. This two chain derivative is also called HMW uPA (high molecular weight uPA). HMW uPA can be further processed into LMW uPA (low molecular weight uPA) by cleavage of chain A into a short chain A (A1) and an amino terminal fragment. LMW uPA is proteolytically active but does not bind to the uPA receptor.
Uniprot ID:	P06869
NCBI:	NP_032899.1
GeneID:	18792
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	B042M
Immunogen:	Mouse Urokinase
Format:	State: Liquid purified Ig Purification: >98% pure (SDS-PAGE). Produced in a uPA knockout mouse. Protein A chromatography Buffer System: 0.05M Sodium Phosphate, pH 7.4 containing 0.15M Sodium chloride
Applications:	Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Urokinase (uPA). Species: Mouse. Other species not tested.

Storage: Store the antibody at -70°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures: MAb to Mouse Urokinase (3µg/ml) -
Secondary: Goat anti Mouse IgG, Alk.
Phos. (1:3,000) - Lane 1: 0.5µg Mouse
Urokinase (non-reduced) - Lane 2: 0.5µg
MuPA + 2.5ug CPAI (non-reduced) - Lane
3: Molecular weight standards

