U-PAR mouse mAb

Catalog No	YP-mAb-12489
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PLAUR MO3 UPAR
Protein Name	U-PAR
Immunogen	Synthesized peptide derived from human U-PAR
Specificity	This antibody detects endogenous levels of Human U-PAR
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Urokinase plasminogen activator surface receptor (U-PAR;uPAR;Monocyte activation antigen Mo3;CD antigen CD87)
Calculated Molecular Weight	37kD
Cell Pathway	Cell membrane . Cell projection, invadopodium membrane . Colocalized with FAP (seprase) preferentially at the cell surface of invadopodia membrane in a cytoskeleton-, integrin- and vitronectin-dependent manner. .; [Isoform 1]: Cell membrane ; Lipid-anchor, GPI-anchor .; [Isoform 2]: Secreted .
Tissue Specificity	Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain.
Function	protein amino acid lipidation, GPI anchor metabolic process, GPI anchor biosynthetic process, phospholipid metabolic process, glycerophospholipid metabolic process, cell motion, chemotaxis, blood coagulation, hemostasis, behavior,locomotory behavior, lipid biosynthetic process, phospholipid biosynthetic process, response to wounding, attachment of GPI anchor to protein, organophosphate metabolic process, regulation of proteolysis, phosphoinositide metabolic process, regeneration, growth, wound healing, lipoprotein metabolic process, lipoprotein biosynthetic process, tissue regeneration, taxis, skeletal muscle regeneration, glycerolipid biosynthetic process, glycerophospholipid biosynthetic process, glycerolipid metabolic process, phosphoinositide biosynthetic process, developmental growth, coagulation,regulation of body fluid levels,

Background	function:Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of U-PA. It is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form.,similarity:Contains 3 UPAR/Ly6 domains.,subunit:Monomer (Probable). Interacts with MRC2.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images