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uPA Receptor/U-PAR (1F11) Rabbit Monoclonal Antibody

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Catalog # AP93791

Product Information

Application	WB, FC, IP
Primary Accession	P35456
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	35428

Additional Information

Gene ID	18793
Other Names	Urokinase plasminogen activator surface receptor, U-PAR, uPAR, CD87, Plaur
Dilution	WB~~1:1000 FC~~1:10~50 IP~~N/A
Storage Conditions	-20℃

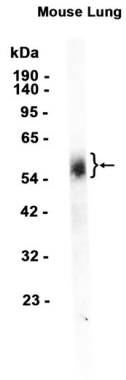
Protein Information

Name	Plaur {ECO:0000312|MGI:MGI:97612}
Function	GPI-anchored receptor that recruits and activates the urokinase-type plasminogen activator (uPA) at the cell surface. Activated uPA converts plasminogen into plasmin, initiating extracellular matrix degradation and remodeling. Also binds the extracellular matrix protein vitronectin, promoting cell-matrix adhesion and indirectly integrin signaling. This dual interaction coordinates dynamic changes in cell migration, proliferation, and tissue remodeling.
Cellular Location	[Isoform 1]: Cell membrane {ECO:0000250|UniProtKB:Q03405}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q03405}. Cell projection, invadopodium membrane {ECO:0000250|UniProtKB:Q03405}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q03405}. Note=Colocalized with FAP (seprase) preferentially at the cell surface of invadopodia membrane in a cytoskeleton-, integrin- and vitronectin-dependent manner {ECO:0000250|UniProtKB:Q03405}
Tissue Location	Expressed in angiogenic endothelial cells (at protein level).

Background

Acts as a receptor for urokinase plasminogen activator

Images



Western blot analysis of extracts from Mouse lung tissue using AP93791 at 1:1000.