

Product datasheet for **DM3607P**

Plaur Rat Monoclonal Antibody [Clone ID: 7J34]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7J34
Applications:	WB
Recommended Dilution:	Western Blot: 1/500-1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Purified Mouse Recombinant uPAR
Specificity:	This antibody detects uPAR.
Formulation:	PBS State: Purified State: Lyophilized (0.2 µm filtered) purified IgG fraction of the Culture Supernatant Stabilizer: None
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Protein A/G Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 months. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	plasminogen activator, urokinase receptor
Database Link:	Entrez Gene 18793 Mouse P35456



[View online »](#)

Background:

uPAR (Urokinase plasminogen activator receptor) is a glycoprotein I anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum beta globulin plasminogen to plasmin. Plasmin, which is also designated fibrinolysin, is a trypsin like enzyme that acts on Arg-Lys bonds and induces pericellular proteolysis in fibrin and fibrinogen, and thereby contributes to the systematic activation of the coagulation cascade. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial tumor cells and are required for tumor invasion and metastasis.

Synonyms:

U-PAR, PLAUR, MO3