

## PLAUR Goat Anti-Human Plasminogen Activator Urokinase Receptor pAb

**Catalog No.** CPU100 **Quantity:** 100 µg

**Alternate Names:** Urokinase plasminogen activator receptor, UPAR, CD87, URKR

**Gene ID:** 5329

**Description:** Goat Anti-Human PLAUR polyclonal antibody. PLAUR is a 55 kDa glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (PLAU). Upon binding to PLAUR, PLAU 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. PLAU and PLAUR are known to be overexpressed in mesenchymal and epithelial tumor cells and are required for tumor invasion and metastasis.

**Concentration:** 0.5 mg/ml

**Specificity:** Recognizes 55 kDa human PLAUR

**Host:** Goat

**Immunogen:** Human PLAUR

**Formulation:** Liquid in PBS

**Applications:** Western Blot  
Immunoprecipitation  
Neutralization

**Application Notes:** For Western Blot, use a working dilution of 0.5-1 µg/ml.  
For Immunoprecipitation, use a working dilution of 5-10 µg/ml.  
For Neutralization, use a working dilution of 2-4 µg/ml.  
The optimal concentration should be determined by the user for each specific application.

**Storage & Stability:** Store at -20°C or in working aliquots at -80°C for long term storage. **Avoid repeated freeze-thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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