



**Polyclonal Anti- Urokinase plasminogen activator surface receptor,
PLAUR/uPAR (Sephacrose Bead Conjugate)**

Catalogue No. PA1344-S

Lot No. 0131012024499

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, rat/.. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of Human PLAUR (290-304 aa), identical to the related mouse and rat sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4 °C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

The Urokinase plasminogen activator surface receptor, also known as uPA receptor or uPAR or PLAUR, is multidomain glycoprotein tethered to the cell membrane with a glycosylphosphatidylinositol (GPI) anchor. uPAR was originally identified as a saturable binding site for urokinase on the cell surface. The gene for the human urokinase receptor (PLAUR) is localized on chromosome 19. RBG-banding permitted subchromosomal localization of the PLAUR gene to 19q13.1. The urokinase-type plasminogen activator receptor (u-PAR) plays a central role in cell migration, growth, and invasion and is regulated, in part, transcriptionally. In mice, u-PAR expression is restricted to a few tissues, one of which is the colon.²

REFERENCE

1、 Vagnarelli, P., Raimondi, E., Mazzieri, R., De Carli, L., Mignatti, P. Assignment of the human urokinase receptor gene (PLAUR) to 19q13. *Cytogenet. Cell Genet.* 60: 197-199, 1992. 2、 Wang, H., Yang, L., Jamaluddin, M. S., Boyd, D. D. The Kruppel-like KLF4 transcription factor, a novel regulator of urokinase receptor expression, drives synthesis of this binding site in colonic crypt luminal surface epithelial cells. *J. Biol. Chem.* 279: 22674-22683, 2004.

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