Product Information Sheet

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

Catalogue No. PA1344-M

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.

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN_3.

Storage

Store at 4˚C for frequent use.

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation.

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 glycosylphosphotidylinositol (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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