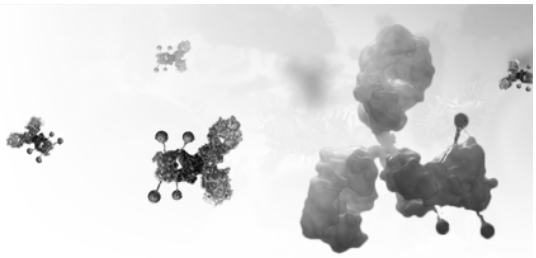

Mouse Anti-Human uPAR/PLAUR monoclonal antibody, clone NN16U (CABT-ZB1098)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human uPAR/PLAUR
Target	PLAUR
Immunogen	Recombinant Human PLAUR/CD87 protein
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	NN16U
Purification	Protein A purified
Conjugate	Unconjugated
Applications	FC This antibody will detect in antibody pair set. [ABPR-ZB381]
Preparation	This product is a recombinant monoclonal antibody expressed from HEK293 cells.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 200 µL
Buffer	PBS

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Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Urokinase plasminogen activator (uPA) and/or its receptor (uPAR) are essential for metastasis, and overexpression of these molecules is strongly correlated with poor prognosis in a variety of malignant tumours. uPAR and uPA levels in both resected tumor tissue and plasma are of independent prognostic significance for patient survival in several types of human cancer. This system has classically been thought to drive tumor progression by mediating directed extracellular proteolysis on the surface of migrating or invading cells, and intervening with this proteolysis by targeting uPAR has been proposed to represent a novel approach for inhibiting tumor progression. uPAR, also known as PLAUR or CD87, has been implicated in the growth, metastasis, and angiogenesis of several solid and hemotologic malignancies. uPAR is a highly glycosylated, 55-60kDa integral membrane protein linked to the plasma membrane by a glycosylphosphatidylinositol (GPI) anchor. It is part of a cell surface system that also consists of the serine protease uPA and several specific inhibitors (plasminogen activator inhibitors 1 and 2). Additionally, the analysis of CD87 (urokinase-type plasminogen activator receptor - uPAR) expression has a potential role in the diagnostic or prognostic work-up of several hematological malignancies, particularly acute leukemia and multiple myeloma.
Keywords	PLAUR; Plasminogen activator, urokinase receptor; Urokinase receptor; uPA receptor

GENE INFORMATION

Synonyms	PLAUR; Plasminogen activator, urokinase receptor; Urokinase receptor; uPA receptor; uPAR; CD87; Cluster of Differentiation 87; Urokinase Plasminogen Activator Receptor; UPAR; URKR; U-PAR
Entrez Gene ID	5329
UniProt ID	Q6UWN5

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