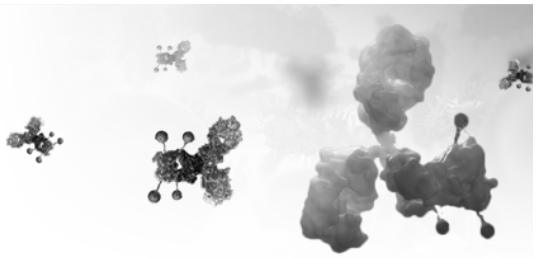

Rabbit Anti-UPA monoclonal antibody, clone KN217-10 (CABT-L915)

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

PRODUCT INFORMATION

Target	Urokinase
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KN217-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Cellular Localization	Secreted.
Positive Control	MCF-7, human liver carcinoma tissue, human colon carcinoma, human kidney tissue, mouse kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Urokinase plasminogen activator receptor (uPAR), also designated CD87, is a glycoprotein I-anchored surface receptor specific for urokinase plasminogen activator (uPA). Upon binding to uPAR, uPA converts the surface bound, large serum b-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. This pathway is observed during re-epithelialization of lesions, wound healing and tissue remodeling. uPA and uPAR are known to be overexpressed in mesenchymal and epithelial origin tumor cells and are required for tumor invasion and metastasis. Ras, MEK, ERK and MLCK function as downstream effectors in the uPAR-dependent signaling cascade, which is initiated by uPA binding, and promotes cellular migration in an integrin selective manner.
Keywords	ATF;ATF uPA;BDPLT5;Plasminogen activator;Plasminogen activator urinary;Plasminogen activator urokinase;PLAU;QPD;u PA;U plasminogen activator;u-PA;U-plasminogen activator;uPA;URK;UROK_HUMAN;Urokinase plasminogen activator;Urokinase type plasminogen activator;Urokinase type plasminogen activator precursor;Urokinase-type plasminogen activator chain B antibody

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