

For Research Use Only

Anti-Human uPA/Urokinase Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98824-2-PBS



Basic Information

Catalog Number: 98824-2-PBS	GenBank Accession Number: NM_002658.6	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 5328	CloneNo.: 252624A9
Source: Rabbit	UNIPROT ID: P00749-1	
Isotype: IgG	Full Name: plasminogen activator, urokinase	
Immunogen Catalog Number: EG7083	Calculated MW: 49kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

uPA (Urokinase-type plasminogen activator) is also named as Urokinase or PLAU, and belongs to the peptidase S1 family. uPA initiates a proteolytic cascade, which degrades the extracellular matrix during tissue growth and remodelling. The secreted proform of uPA is activated after binding to a specific high-affinity cell surface receptor. Secreted UPA is exposed to rapid inactivation in the pericellular space by plasminogen activator inhibitor-1 (PAI-1), which is stored in the extracellular matrix bound to vitronectin (PMID: 9665342). It has 2 isoforms produced by alternative splicing. Defects in uPA are the cause of Quebec platelet disorder (QPD).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

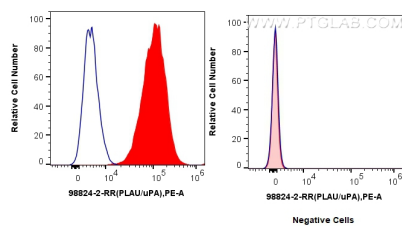
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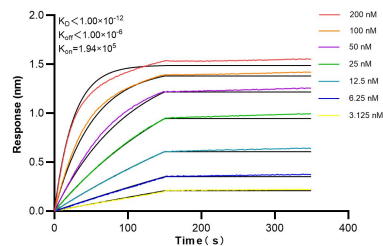
W: ptgcn.com

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Selected Validation Data



1x10⁶ HT-1080 (left) or Ramos cells (right) were surface stained with 0.25 ug Anti-Human uPA/Urokinase Rabbit RecAb (98824-2-RR, Clone: 252624A9) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98824-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 98824-2-RR against Human uPA/Urokinase were performed. The affinity constant is below 1 pM.