

**NBP1-42219****Urokinase Antibody (PGM2005)****Unit Size**

1.0 ml

**Concentration**

Please see the vial label for concentration.

**Storage**

Store at 4C. Do not freeze.

**Applications**

WB, ELISA

**Species**

Human, Rat

**Host**

Mouse

**Clonality**

Monoclonal

**Isotype**

IgG1

**Purity**

IgG purified

**Preservative**

No Preservative

**Specificity/Sensitivity**

The antibody binds to human high molecular weight single-chain urokinase type plasminogen activator (HMW-scuPA, 54 kDa), to high molecular weight two-chain urokinase type plasminogen activator (HMW-tcuPA, 52 kDa) and to low molecular weight single-chain urokinase type plasminogen activator (LMW-scuPA, 33 kDa) with high affinity ( $K_d = 0.1$  nM) and does not inhibit the ability of urokinase to activate plasminogen. Urokinase reaction with synthetic substrate S2444 is not inhibited. The antibody is highly specific for urokinase, no cross reactions were found with other serine proteases (tissue plasminogen activator, plasmin, trypsin, chymotrypsin, elastase, thrombin). Human whole plasma or plasma proteins do not interfere with its binding to urokinase. cross reacts with rat scu/tcu PA.

**Immunogen**

The antibody reacts with the Urokinase antigen.

**Recommended Dilutions**

ELISA

Western Blot

**Uses**

The antibody can be used for targeting of urokinase to trombi, cells or extracellular matrix in vitro and in vivo. The antibody can also be used for quantitative, specific and sensitive assay for urokinase in human fluids (RIA, ELISA) in combination with The antibody is very stable and can, after appropriate binding, be used over 20-40 times in immunopurification of urokinase. This antibody can als... See more at [www.novusbio.com/NBP1-42219](http://www.novusbio.com/NBP1-42219)

**Images**

This product does not currently have an image. Earn rewards by submitting your image of this product. Submit a review with your image here: [www.novusbio.com/NBP1-42219](http://www.novusbio.com/NBP1-42219)

Updated 3/9/2013 2.0

**Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis. Products are guaranteed for six months from the date of receipt except for peptides and proteins which are guaranteed for 3 months. **For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

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