

Product datasheet

Anti-Urokinase antibody [PGM2001] ab8475

★★★★★ 2 Abreviews

製品の概要

製品名	Anti-Urokinase antibody [PGM2001]
製品の詳細	Mouse monoclonal [PGM2001] to Urokinase
由来種	Mouse
特異性	This antibody is highly specific for urokinase. No cross reactions were found with other serine proteases (tissue plasminogen activator, plasmin, trypsin, chymotrypsin, elastase, thrombin). This 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 (Kd= 0.1 nM) It does not inhibit the ability of urokinase to activate plasminogen. Urokinase reaction with synthetic substrate S2444 is not inhibited. Human whole plasma or plasma proteins do not interfere with this antibodies binding to urokinase.
アプリケーション	適用あり: Other, Dot blot, ELISA, IHC-Fr, RIA, WB
種交差性	交差種: Human
免疫原	Urinary Urokinase (Human).
特記事項	Method of purification: PEG6000 precipitation + DEAE cellulose chromatography, gradient elution. The buffer composition before lyophilisation is PBS with manitol. After reconstitution the concentration is 0.2 mg/mL.

製品の特性

製品の状態	Lyophilised:Please reconstitute with 1ml sterile distilled water and add preservative if required.
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	Lyophilized purified ascites
精製度	Ascites
特記事項(精製)	PEG 6000 precipitation + DEAE-cellulose chromatography, gradient elution
ポリ/モノ	モノクローナル
クローン名	PGM2001
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab8475** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリ ケー ション	Abreviews	特記事項
Other		Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
AP		Use at an assay dependent concentration.
ELISA		1/5000. This antibody can be used for quantitative, specific and sensitive assay for urokinase in human fluids (RIA, ELISA) in combination with the non-inhibitory antibody ab8473 . This antibody is very stable and can, after appropriate binding, be used over 20-40 times for immunopurification of urokinase in 1 M guanidine chloride.
IHC- Fr		1/30 - 1/50.
RIA		Use at an assay dependent concentration.
WB	★★★★★	Use a concentration of 1 - 3 µg/ml.

ターゲット情報

機能	Specifically cleave the zymogen plasminogen to form the active enzyme plasmin.
組織特異性	Expressed in the prostate gland and prostate cancers.
配列類似性	Belongs to the peptidase S1 family. Contains 1 EGF-like domain. Contains 1 kringle domain. Contains 1 peptidase S1 domain.
翻訳後修飾	Phosphorylation of Ser-158 and Ser-323 abolishes proadhesive ability but does not interfere with receptor binding.
細胞内局在	Secreted.

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