

Datasheet

KLK3 monoclonal antibody, clone PS1

Catalog Number: MAB3023

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native KLK3.

Clone Name: PS1

Immunogen: Native purified human seminal plasma KLK3.

Host: Mouse

Reactivity: Human

Applications: S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Isotype: IgG1

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM Tris, 150 mM NaCl, pH 7.5 (0.05% sodium azide)

Storage Instruction: Store at 4°C.

Entrez GeneID: 354

Gene Symbol: KLK3

Gene Alias: APS, KLK2A1, PSA, hK3

Gene Summary: Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is

one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its protein product is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms. [provided by RefSeq]