

癌症/睾丸抗原 103 抗体

产品货号： mlR19631

英文名称： Semenogelin I/CT103

中文名称： 癌症/睾丸抗原 103 抗体

别名： Alpha-Inhibin-31; Alpha-Inhibin-92; Cancer/testis antigen 103; CT103; dJ172H20.2 (semenogelin I); dJ172H20.2; MGC14719; Semen coagulating protein; Semenogelin; Semenogelin I; SEMG; SEMG1; SEMG1_HUMAN; Seminal basic protein; seminal vesicle secretory protein 5; Sgl; Svp-1; Svp5; SVPIIA; Svs2; SVS2P; Svs2p2; Svs5.

研究领域： 细胞生物 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 52kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human Semenogelin I/CT103:381-462/462

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : The protein encoded by this gene is the predominant protein in semen. The encoded secreted protein is involved in the formation of a gel matrix that encases ejaculated spermatozoa. The prostate-specific antigen (PSA) protease processes this protein into smaller peptides, with each possibly having a separate function. The proteolysis process breaks down the gel matrix and allows the spermatozoa to move more freely. The antimicrobial peptide Sgl-29 is an antimicrobial peptide with antibacterial activity. [provided by RefSeq, Nov 2014]

Function:

Predominant protein in semen. It participates in the formation of a gel matrix entrapping the accessory gland secretions and ejaculated spermatozoa. Fragments of semenogelin and/or fragments of the related proteins may contribute to the activation of progressive sperm movements as the gel-forming proteins are fragmented by KLK3/PSA.

Alpha-inhibin-92 and alpha-inhibin-31, derived from the proteolytic degradation of semenogelin, inhibit the secretion of pituitary follicle-stimulating hormone.

Subcellular Location:

Secreted.

Tissue Specificity:

Seminal vesicle.

Post-translational modifications:

Transglutaminase substrate.

Rapidly cleaved after ejaculation by KLK3/PSA, resulting in liquefaction of the semen coagulum and the progressive release of motile spermatozoa.

Similarity:

Belongs to the semenogelin family.

SWISS:

P04279

Gene ID:

6406

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.