

重组金黄色葡萄球菌蛋白 A 抗体

产品货号： mlR0362

英文名称： Protein A

中文名称： 重组金黄色葡萄球菌蛋白 A 抗体

别名： Immunoglobulin G binding protein A; Staphylococcal protein A; SPA; gG-binding protein A; SPA_STAA8.

研究领域： 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Saureus

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 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： 40-60kDa

细胞定位： 分泌型蛋白

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： Recombinant protein A:full length

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： Protein A is a 40-60 kDa surface protein originally found in the cell wall of the bacteria *Staphylococcus aureus* (SPA). SPA binds proteins from many of mammalian species, most notably IgGs, and helps inhibit phagocytic engulfment and acts as an immunological disguise via this type of interaction, thus the bacteria will disrupts opsonization and phagocytosis. SPA is known to bind with Fc region of immunoglobulins preferentially through interaction with the VH3 variable region of the heavy chain. SPA has been shown to bind with high affinity to human IgG1 and IgG2 as well as mouse IgG2a and IgG2b, whereas bind with moderate affinity to human IgM, IgA and IgE as well as mouse IgG3 and IgG1. SPA is often produced in *E. coli* and is practically coupled to other molecules such as enzymes, biotin, radioactive iodine for use in immunology and other biological research. SPA is also immobilized onto solid supports such as agarose beads for total IgG purifying or interest protein or protein complex identifying in immunoprecipitation studies.

Subcellular Location:

Secreted; cell wall.

SWISS:

P02976

Gene ID:

3919448



Important Note:

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