

Native Staphylococcus aureus Protein A (FITC) ab7455

1 References

描述

产品名称	Native金黄色葡萄球菌蛋白A (FITC)
纯度	> 95 % Protein A purified.
表达系统	Native
Accession	<u>P38507</u>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Staphylococcus aureus
预测分子量	56 kDa
偶联物	FITC. Ex: 493nm, Em: 528nm

技术指标

Our **Abpromise guarantee** covers the use of **ab7455** in the following tested applications.

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

应用	Flow Cytometry Immunomicroscopy
形式	Liquid
补充说明	Molecular Weight (protein A): 42,000 daltons Extinction Coefficient: 0.1% at 280 nm is 0.14 ($E^{0.1\%}$ of 0.14)

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C. Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, BSA
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常规信息

相关性	Protein A is a surface protein of S.aureus which binds IgG molecules by their Fc region. In serum, the bacteria will bind IgG molecules in the wrong orientation on their surface which hinders opsonization and phagocytosis. Mutants of S. aureus lacking protein A are more efficiently phagocytosed in vitro, and mutants in infection models have diminished virulence. Due to its affinity for the Fc region of many mammalian immunoglobulins, protein A is considered a universal reagent in biochemistry and immunology.
细胞定位	Secreted; cell wall.

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