

Recombinant Protein G (HRP) ab7460

★★★★★ [1 Abreviews](#) [9 References](#) [2 图像](#)

描述	
产品名称	重组蛋白G (HRP)
纯度	> 98 % Protein G purified. Protein G Peroxidase was prepared from chromatographically pure Protein G.
表达系统	Escherichia coli
Accession	<u>P19909</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Streptococcus
序列	L DKYGVSDYHK NLINNAKTVE GVKDLQAQVV ESAKKARISE ATDGLSDFLK SQTPAEDTVK SIELAEAKVL ANRELDKYGV SDYYKNLINN AKTVEGVKAL IDEILAALPK TDTYKLILNG KTLKGETTTE AVDAATAEKV FKQYANDNGV DGEWTYDDAT KTFTVTEKPE VIDASELTPA VTYTKLVING KTLK
预测分子量	63 kDa
氨基酸	190 to 384
偶联物	HRP

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab7460 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot Dot blot ELISA Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
形式	Lyophilized
补充说明	No reaction was observed against anti-Protein A.

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.01% Gentamicin sulphate

Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1.5% BSA

复溶

Reconstitute product with 1ml of deionized water.

常规信息

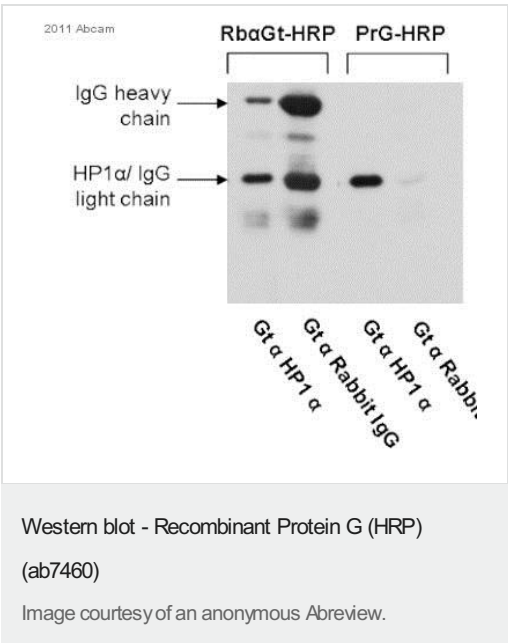
相关性

Protein G is a bacterial protein derived from the cell wall of certain strains of b-hemolytic Streptococcci. It binds with high affinity to the Fc portion of various classes and subclasses of immunoglobulins from a variety of species. Protein G binds to all IgG subclasses from human, mouse and rat species. It also binds to total IgG from guinea pig, rabbit, goat, cow, sheep, and horse. Protein G binds preferentially to the Fc portion of IgG, but can also bind to the Fab region, making it useful for purification of F(ab') fragments of IgG. Due to it's affinity for the Fc region of many mammalian immunoglobulins, protein G is considered a universal reagent in biochemistry and immunology.

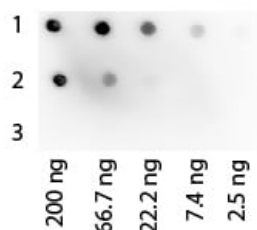
细胞定位

Cell Wall and Secreted

图片



Used for detection of primary antibody in WB after IP with the same antibody. In this case, IP was with goat anti HP1-alpha [ab77256](#) on Protein G beads, and detection was with goat anti HP1-alpha [ab77256](#), and Protein G HRP ab7460. Detection was very specific, and eliminated heavy and light chains of denatured antibodies.



Dot Blot - Recombinant Protein G (HRP) (ab7460)

Dot Blot analysis of ab7460 Protein G protein (HRP).

Load: 200ng of ab7460 followed by a 3-fold serial dilution

Antigens:

Row 1: Human IgG

Row 2: Rat IgG

Row 3: Dog IgG

Primary antibody: none

Secondary antibody: Protein G Peroxidase Conjugated at 1/1000 for 60 min at room temperature

Block: Blocking buffer for 60 min at room temperature

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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