



## Anti-SPEB polyclonal antibody (DPAB1160)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Specificity</b>	Specific to Streptococcal Pyrogenic Exotoxin B (SPEB). Minimal cross-reactivity with staphylococcal enterotoxins A through E, ET, TSST and alpha hemolysin and streptococcal Pyrogenic exotoxins A and C.
<b>Immunogen</b>	Streptococcal Pyrogenic Exotoxin B (SPEB)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bacteria
<b>Purification</b>	Toxin specific immunoaffinity column
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Affinity Purified, Lyophilized. Reconstitute with 1ml deionized water.
<b>Concentration</b>	1mg/ml (prior to lyophilization)
<b>Size</b>	1 mg
<b>Buffer</b>	Lyophilized from 0.01M phosphate, pH 7.4 containing 0.9% Sodium chloride
<b>Preservative</b>	None
<b>Storage</b>	Store lyophilized product at 2-8°C. After reconstitution, aliquot and store at -20°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

# BACKGROUND

## Introduction

[Streptococcus pyogenes is a spherical, Gram-positive bacterium that is the cause of Group A streptococcal infections. S. pyogenes displays streptococcal group A antigen on its cell wall. S. pyogenes typically produces large zones of beta-hemolysis \(the complete disruption of erythrocytes and the release of hemoglobin\) when cultured on blood agar plates, and are therefore also called Group A \(beta-hemolytic\) Streptococcus \(abbreviated GABHS\).](#)

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## Keywords

SPEB; Exotoxin B; Pyrogenic exotoxin B; speB; Eubacteria; Firmicutes; Cocci; Lactobacillales; Streptococcaceae; Streptococcus; S. pyogenes; Streptococcus pyogenes

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