



# Anti-Toxic Shock Syndrome Toxin polyclonal antibody (DPAB0191)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Toxic Shock Syndrome Toxin. No reactivity with other Staph toxins.
<b>Immunogen</b>	Purified TSST-1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Purification</b>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in DID (Ouchterlony). 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>	Purified TSST-1
<b>Concentration</b>	1mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

# BACKGROUND

## Introduction

Toxic Shock Syndrome Toxin (TSST) is a superantigen with a size of 22KDa produced by somewhere between 5% and 25% of *Staphylococcus aureus* isolates. It causes toxic shock syndrome by stimulating the release of large amounts of interleukin-1, interleukin-2 and tumour necrosis factor. In general, the toxin is not produced by bacteria growing in the blood; rather, it is produced at the local site of an infection, and then enters the blood stream.

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## Keywords

Toxic shock syndrome toxin 1; TSST1; Tst; Toxic Shock toxin

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