



# Anti-Shigella Polyclonal antibody (DPAB0243)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Polyvalent for Shigella antigens. Reacts with Shigella species including sonnei. Antiserum is not absorbed and does react with related Enterobacteriaceae.
<b>Target</b>	Shigella
<b>Immunogen</b>	Mixture of S. boydii, S. flexneri and S. dysenteriae
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Shigella
<b>Purification</b>	95% pure. Protein A chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in IFA. Acetone fixation of the antigen source is recommended prior to staining. Spot suspension of bacteria onto slide. Air dry. Fix slide with 100% Acetone for 5 minutes at room temperature. Air dry. Stain. It is also suitable for conjugation purposes. 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, Liquid
<b>Concentration</b>	4-5mg/ml (OD280nm, E0.1% = 1.4)
<b>Size</b>	1 ml
<b>Buffer</b>	0.01M PBS, pH 7.2. Product contains no stabilizing proteins.
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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## BACKGROUND

**Introduction**

Shigella is a genus of Gram-negative, non-motile, non-spore forming rod-shaped bacteria closely related to Escherichia coli and Salmonella. The causative agent of human shigellosis, Shigella also cause disease in other primates, but not in other mammals.

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**Keywords**

S.boydii; S.dysenteriae; S.flexneri; S.sonnei; Shigella Boydii; Shigella Dysenteriae; Shigella Flexneri; Shigella Sonnei; Bacteria; Proteobacteria; Gamma Proteobacteria; Enterobacteriales; Enterobacteriaceae; Shigella; S. flexneri; Shigella flexneri

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