

Product datasheet

Anti-IpaD antibody [7] ab101123

Overview

Product name	Anti-IpaD antibody [7]
Description	Mouse monoclonal [7] to IpaD
Host species	Mouse
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Recombinant fragment
Immunogen	Recombinant fragment, corresponding to amino acids 11-189 of <i>Shigella dysenteriae</i> IpaD (YP_406165.1)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.02% Proclin Constituents: Tris HCl, Sodium citrate, pH 7.0
Purity	Protein G purified
Clonality	Monoclonal
Clone number	7
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab101123** in the following tested applications.

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

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

Target

Relevance

Required for bacterial invasion of host cells. Controls ipaB and ipaC secretion, and the efficiency with which they are physically inserted into target cell membranes. These proteins are exported via TTSS to form a pore in the host membrane that allows the translocation of the other effectors into the host cytoplasm. Along with ipaB, is essential for both blocking secretion through the Mxi/Spa translocon in the absence of a secretion-inducing signal, and for controlling the level of secretion in the presence of this signal.

Cellular localization

Secreted

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