

Product datasheet

Anti-Shigella dysenteriae antibody [6] ab80912

1 Image

Overview

<b>Product name</b>	Anti-Shigella dysenteriae antibody [6]
<b>Description</b>	Mouse monoclonal [6] to Shigella dysenteriae
<b>Specificity</b>	Recognizes recombinant Shigella dysenteriae lpaA protein
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Recombinant fragment
<b>Immunogen</b>	E.coli expressed recombinant protein corresponding to fragment (aa 373-581) of Shigella dysenteriae lpaA (Q326T2)
<b>Positive control</b>	Shigella dysenteriae lpaA protein

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Proclin 300 Constituents: Tris glycine, pH 7.0
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	6
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab80912** 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
WB		
ELISA		

## Application notes

ELISA: Use at an assay dependent dilution.  
WB: 1/1000. Predicted molecular weight: 70 kDa.

This antibody has only been tested against the recombinant fragment. It has not been tested against the endogenous protein.

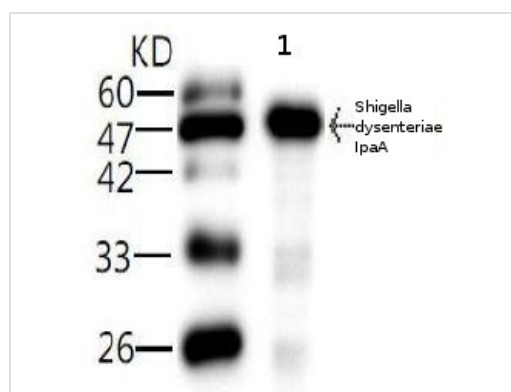
Not yet tested in other applications.  
Optimal dilutions/concentrations should be determined by the end user.

## Target

### Relevance

*Shigella dysenteriae* is a facultative anaerobic, Gram-negative rod from the family Enterobacteriaceae. *S. dysenteriae* is primarily a human pathogen, as are all Shigellae. The disease has infected masses, particularly in close living quarters, such as refugee camps. *S. dysenteriae* type 1 (Sd1) is the only cause of epidemic dysentery. The Shiga bacillus is the most virulent of the four serogroups of *Shigella*.

## Images



Anti-*Shigella dysenteriae* antibody [6]  
(ab80912) at 1/1000 dilution + *Shigella*  
*dysenteriae* IpaA antigen

**Predicted band size : 70 kDa**

Western blot - *Shigella dysenteriae* antibody [6]  
(ab80912)

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