

## 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>Host species</b>	Mouse
<b>Specificity</b>	Recognizes recombinant Shigella dysenteriae IpaA 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 IpaA (Q326T2)
<b>Positive control</b>	Shigella dysenteriae IpaA 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		

Application	Abreviews	Notes
-------------	-----------	-------

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.

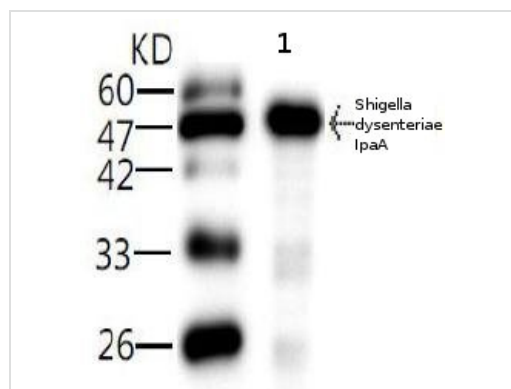
Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

### 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)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors