

## Lipid A LPS Polyclonal Antibody

Catalog Number PA1-73178

Product Data Sheet

Details		Species Reactivity	
Size	1 mL	Tested species reactivity	Bacteria
Host / Isotype	Goat / IgG	Published Species Reactivity	Bacteria
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	ELISA (ELISA)	Assay Dependent
Immunogen	Whole cell prep of Lipid A from E. coli O157	Immunocytochemistry (ICC)	Assay Dependent
Conjugate	Unconjugated	Immunofluorescence (IF)	Assay Dependent
Form	Liquid	Immunohistochemistry (IHC)	Assay Dependent
Concentration	4-5mg/ml	Western Blot (WB)	Assay Dependent
Purification	purified	Published Applications	
Storage Buffer	PBS, pH 7.2	Western Blot (WB)	See 1 publications below
Contains	0.1% sodium azide	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Storage Conditions	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C		

### Product Specific Information

PA1-73178 is crossreactive with numerous members of the Enterobacteriaceae.

PA1-73178 has been successfully used in immunofluorescence, immunocytochemistry, western blot, immunohistochemistry and ELISA applications.

The PA1-73178 antibody was raised against purified Lipid A Lipopolysaccharide.

Store at 2-8°C up to 6 months. For long term storage, aliquot and store at -20°C, avoiding freeze/thaw cycles.

### Background/Target Information

LPS is chemically composed of a lipid part, which is responsible for the endotoxic activities of LPS, and a heteropolysaccharide which generally consists of an oligosaccharide, termed the core region, and, in some bacterial families, of the so-called O chain, composed of repeating oligosaccharide units. Lipid A is the glucosamine-based phospholipid which forms part of the bacterial outer membrane and anchors LPS to the surface of the bacteria.

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