



[Go to Product page](#)

Datasheet for ABIN471988  
**anti-Lipopolysaccharides (LPS) antibody**

### Overview

Quantity:	0.1 mg
Target:	Lipopolysaccharides (LPS)
Reactivity:	E. coli
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Lipopolysaccharides (LPS) antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	E. coli J5 cells.
Clone:	2D7-1
Isotype:	IgG2b
Specificity:	Recognizes E. coli J5 LPS. The J5 mutant of E. coli lacks the enzyme uridine diphosphate glucose 4-epimerase and therefore produces an incomplete LPS, deficient in galactose and all the sugars distal to the central polymers. The J5 mutant has no O-specific chains and its endotoxin remains as the core LPS containing lipid A, N acetyl glucosamine, 2-keto-3-deoxyoctonate, heptose and glucose (a composition similar to that of the Rc strains of Salmonella). The clone 2D7/1 has also been found to react with K. pneumoniae, S. sonnei and S. typhimurium.
Purification:	Affinity purified

## Target Details

---

Target:	Lipopolysaccharides (LPS)
Alternative Name:	Lipopolysaccharide / LPS ( <a href="#">Lipopolysaccharides (LPS) Products</a> )
Target Type:	Chemical
Background:	Name/Gene ID: LPS  Synonyms: LPS

## Application Details

---

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: E. coli
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.