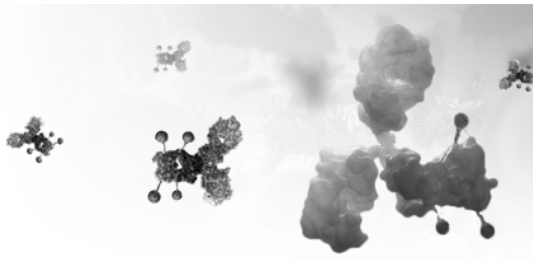

Mouse Anti-S.enteritidis LPS Monoclonal antibody, clone TF12 (CABT-CS102)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with LPS of Salmonella enteritidis and Salmonella typhimurium. Does not react with other gram-negative food-poisoning bacteria like E. coli ,V. parahaemolyticus and Campylobacter species.
Target	S.enteritidis LPS
Immunogen	Crude extract of Salmonella Enteritidis
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	S. enteritidis, S. typhimurium
Clone	TF12
Purification	Affinity-purified with Protein A
Conjugate	unconjugated
Applications	WB, ELISA, IC
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	PBS, 50% glycerol
Preservative	None

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Storage	Ship at 4°C and store at -20°C. Do not freeze.

BACKGROUND

Introduction	Salmonella enterica subsp. enterica serotype Enteritidis (SE) is one of the major causative agents of human gastroenteritis. Salmonella enterica subsp. enterica is classified into over 1500 serotypes based on antigenic differences in lipopolysaccharide (LPS) (O) and flagellar (H) antigens. LPS is a major component of the outer surface of gram-negative bacteria, composed of a hydrophobic lipid A, which anchors LPS to the membrane, a core oligosaccharide region, and an O-polysaccharide polymer (O-chain) composed of oligosaccharide-repeating units. While the LPS-core regions are relatively conserved among gram-negative organisms, there is a substantial difference in the composition of the O-chain repeating units, which leads to a large antigenic diversity in O-antigens.
Keywords	S.enteritidis LPS; LPS; S.enteritidis

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