



Mouse Anti-Endotoxin Monoclonal antibody, clone 416.7 (CABT-CS922)

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

PRODUCT INFORMATION

Specificity	Endotoxin
Target	Endotoxin
Immunogen	E. coli O111 B4 J5 cells
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	E. Coli J5, Sh. Sonnei, S. Typhimurium
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg, 500 µg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at -20°C.

BACKGROUND

Introduction	Endotoxins have a weight of around 10 kDa and their general structure consists of three parts: Lipid A, core oligosaccharide and O-specific polysaccharide, also called antigen-O. (fig. 1). The biosynthesis of LPS is strictly sequential with the core polysaccharides added sequentially to Lipid A. The subunits of the O-antigen are added last.
Keywords	Gram Negative Endotoxin; Endotoxin; toxin; gram-negative; LPS; Lipopolysaccharide