



# Mouse Anti-Endotoxin Monoclonal antibody, clone 331.2 (CABT-CS929)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Endotoxin
<b>Target</b>	Endotoxin
<b>Immunogen</b>	E. coli O111 B4 J5 cells
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	E. Coli J5, K. Pneumoniae, E. Aerogenes, S. Marcescens, P. Mirabilis, P. Vulgaris, A. Calcoaceticus, Ps. Aeruginosa
<b>Purification</b>	Protein A
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Size</b>	100 µg, 500 µg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C.

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Gram Negative Endotoxin; Endotoxin; toxin; gram-negative; LPS; Lipopolysaccharide