



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

| | |
|---------------------------|---|
| Specificity | Endotoxin |
| Target | Endotoxin |
| Immunogen | E. coli O111 B4 J5 cells |
| Isotype | IgM |
| Source/Host | Mouse |
| Species Reactivity | E. Coli J5, K. Pneumoniae, E. Aerogenes, S. Marcescens, P. Mirabilis, P. Vulgaris, A. Calcoaceticus, Ps. Aeruginosa |
| 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