



# Mouse Anti-E. coli LPS Monoclonal antibody, Clone 2F2G21 (CABT-CS528)

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

## PRODUCT INFORMATION

<b>Specificity</b>	Reacts to E. coli O111:B4 (whole bacteria and LPS)
<b>Target</b>	E. coli LPS
<b>Immunogen</b>	Purified LPS from E. coli O111:B4
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	E. coli
<b>Clone</b>	2F2G21
<b>Purification</b>	Purified by Protein G chromatography
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	1mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	Solution in 0.05M phosphate buffered saline, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C.

# BACKGROUND

Introduction	Lipopolysaccharide (LPS), also known as endotoxin, is present mainly in the cell wall of Gram-negative bacteria. It comprises three structural regions the O-side chain, a middle polysaccharide component, and Lipid A which contributes to the pyrogenic nature of LPS.
Keywords	E. coli LPS; E. coli; Escherichia coli LPS; LPS; Lipopolysaccharide