



# Mouse Anti-E. coli Monoclonal antibody, Clone 4I22 (CABT-CS531)

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 and Salmonella abortus equis (whole bacteria only)
<b>Target</b>	E. coli
<b>Immunogen</b>	E. coli O111:B4
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	E. coli
<b>Clone</b>	4I22
<b>Purification</b>	Purified by ion-exchange 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**

Escherichia coli, also known as E. coli, is a Gram-negative, facultative anaerobic, rod-shaped, coliform bacterium of the genus *Escherichia* that is commonly found in the lower intestine of warm-blooded organisms. Most E. coli strains are harmless, but some serotypes (EPEC, ETEC etc.) can cause serious food poisoning in their hosts, and are occasionally responsible for food contamination incidents that prompt product recalls.

**Keywords**

E. coli; Escherichia coli