



Magic™ Mouse Anti-E. coli Monoclonal antibody, clone 29Z11 (DMAB-CS24362)

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

PRODUCT INFORMATION

Specificity	Escherichia coli
Target	E. coli
Immunogen	Inactive whole-cell Escherichia coli.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	E. coli
Clone	29Z11
Conjugate	unconjugated
Applications	ELISA (Det), LFIA
Format	Lyophilized
Size	10 µg, 100 µg, 1 mg
Buffer	1X Phosphate buffered saline, pH 7.4
Preservative	None
Storage	Store at -20°C to -80°C on receipt (up to 12 months). Avoid repeated freezing and thawing as this may denature the antibody.

BACKGROUND

Introduction

While most strains of *Escherichia coli* (*E. coli*) are harmless, certain pathogenic variants have captured global attention. *E. coli* strains that produce toxins, such as Shiga toxin-producing *E. coli* (STEC) and enteropathogenic *E. coli* (EPEC), are known for their ability to cause gastrointestinal infections. These infections can range from mild diarrhea to severe cases of hemolytic uremic syndrome, a condition that can lead to kidney failure.

Keywords

Escherichia coli; *E. coli*