

Mouse E Coli O157 Monoclonal Antibody

E Coli O157 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74436	Mouse	This monoclonal is pecific for E. coli O157. Cross reactivity not determined.	Immunofluorescence, ELISA

PRODUCT SYNONYMS

E Coli O157; Monoclonal Antibody; E Coli O157 antibody; Monoclonal E Coli O157; Anti-E Coli O157; E Coli; Escherichia Coli; anti-E Coli O157 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	This monoclonal is pecific for E. coli O157. Cross reactivity not determined.
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M02061323
Specificity	E Coli O157
Purity/Purification	> 90% pure
Form/Format	Protein A chromatography purified, in 10 mM PBS, pH 7.2, with 0.1% sodium azide as a preservative.
Concentration	2.4 mg/ml (varies by lot)
Applicable Applications for anti-E Coli O157 antibody	IF (Immunofluorescence), ELISA
Biological Significance	E Coli is a Gram-negative rod-shaped bacterium that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E Coli strains are harmless, but some, such as serotype O157:H7, can cause serious food poisoning in humans, and are occasionally responsible for product recalls. The harmless strains are part of the normal flora of the gut, and can benefit their hosts by producing vitamin K2, and by preventing the establishment of pathogenic bacteria within the intestine.
Cross Reactivity	This antibody recognizes the 'O' antigen of E coli serotype O157
Immunogen	E Coli serotype O157
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-E Coli O157 antibody	Mouse monoclonal E Coli O157 antibody
Product Categories/Family for anti-E Coli O157 antibody	Infectious Disease
References	Rapid detection of Escherichia coli O157:H7 by immunomagnetic separation and real-time PCR; Zhu Fu, Snezna Rogelj, Thomas L. Kieft (International Journal of Food Microbiology: Volume: 99 Issue: 1 Page: 47-57 DOI: 10.1016/j.ijfoodmicro.2004.07.013)

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

