

Product datasheet for **AM00730PU-N**

E. coli Shiga-like Toxin 1 Mouse Monoclonal Antibody [Clone ID: 286-13310]

Product data:

Product Type:	Primary Antibodies
Clone Name:	286-13310
Applications:	ELISA, Neutralize, WB
Recommended Dilution:	Toxin Neutralization: Neutralized Vero Cell toxicity of E. coli O157:H7 extracts when used at a 10 µg/ml concentration. Immunoblot: Detected SLT 1 when used at 1 µg/ml concentration. ELISA: Used as capture antibody at 20 µg/ml concentration (100 µl); Immobilizes SLT 1 for detection by an HRP conjugate.
Reactivity:	Escherichia coli
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	SLT Toxin from E. coli O157:H7
Specificity:	This antibody reacts with alpha, alpha-1 and beta subunits of SLT-1 (STX-1). Also reacts with alpha and alpha-1 subunits of SLT-2 (STX-2).
Formulation:	10 mM Phosphate, pH 7.4 containing 0.9% Sodium chloride. State: Purified State: Lyophilized purified IgG fraction.
Reconstitution Method:	Restore with 1 ml distilled water
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody undiluted at 2-8°C for two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Background: Escherichia coli is a gram negative bacillus that belongs to a larger group of Enterobacteriae - bacteria that inhabit the gastrointestinal tract. Although usually a harmless resident of the gut, some strains have the potential to cause serious problems, especially where there is an immature immune system or immunosuppression, or where the subtype of organism has acquired the ability to produce pathogenic toxins.

Synonyms: Escherichia coli, EHEC, EPEC, ETEC