

12-8556: Anti-Endotoxin-Gram Negative (Clone GNE13-337.5)

Clonality :	Monoclonal
Clone Name :	GNE13-337.5
Application :	ELISA
Isotype :	Mouse IgG2b
Immunogen Information :	E. coli O111 B4 J5 cells

Description

Specificity

Mouse Monoclonal Antibody specific to Endotoxin (See Reactivity Key).

Background

Endotoxin, also known as lipopolysaccharide (LPS), is a crucial component of the outer membrane of Gram-negative bacteria. This complex molecule is found in common bacterial species such as *Escherichia coli*, *Salmonella*, *Shigella*, *Pseudomonas*, *Neisseria*, *Haemophilus influenzae*, *Bordetella pertussis*, and *Vibrio cholerae*. Understanding endotoxin is paramount in various scientific and medical fields due to its significant biological activity.

Product Info

Amount :	500ug / 100ug
Purification :	Preparation: Antibodies are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates. Concentration: Lot Specific
Content :	Formulation: This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added.
Storage condition :	This antibody is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

Application Note

These antibodies have been qualified for use in ELISA to detect gram-negative endotoxin and in dot-blot to detect cells that express gram negative endotoxin.

End users should determine optimal concentrations for their applications.

Customer feedback: #15305 was conjugated to colloidal gold and used successfully in a lateral flow assay format.