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12-8533: Anti-Norovirus, Capsid— Purified No Carrier Protein (Clone NORO-320)

Clonality :	Monoclonal
Clone Name :	NORO-320
Application :	ELISA
Format :	Purified
Isotype :	Human IgG1
Immunogen Information :	Sequenced from PBMCs from a donor who had recovered from a naturally-occurring norovirus infection.

Description

Specificity: NORO-320 activity is directed against Norovirus.

Background: Norovirus is a highly contagious pathogen known for its ability to cause acute gastroenteritis, which is a major health concern worldwide. The virus's low infectious dose means minor exposure can lead to infection. Prolonged shedding by hosts and environmental resilience further heighten transmission risks through prolonged surface contamination. It is the leading cause of foodborne diseases, exclusively infecting humans. Timely implementation of infection prevention measures is crucial for outbreak control. Studies have found a variety of antibodies that have a broad reactivity for noroviruses, including single-chain antibodies, monoclonal antibodies, and a cross-reactive monoclonal antibody. These antibodies have the potential to be used in diagnostic applications as they have been shown to detect norovirus antigens in clinical samples. Studies have also found that the reactivity of these antibodies can vary depending on the norovirus strain.

Product Info

Amount :	250 µg / 1.0 mg
Purification :	≥90% monomer by analytical SEC and SDS-Page Preparation: Recombinant antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and 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.
Content :	Concentration: ≥1.0 mg/ml Formulation: This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This antibody may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles.

Application Note

Research Use Only

For Research Use Only. Not for use in diagnostic/therapeutics procedures.