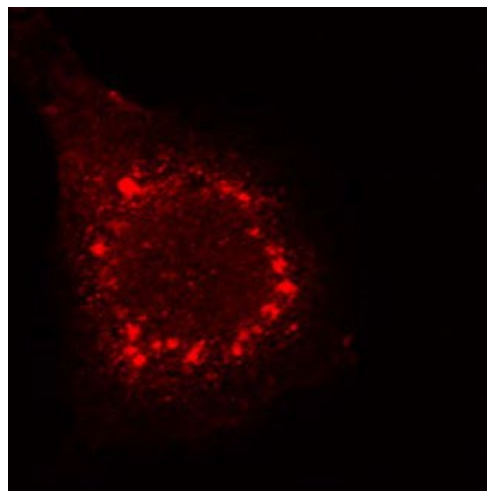


Rotavirus Group Antigen Antibody

Monoclonal Antibody

Product Information

Product No.: 20601
Clone: 3C10
Isotype: Mouse IgG2a
Storage: Sterile 2 to 8°C



Product Description

Specificity:

These antibodies recognize bovine and human rotavirus A, monkey rotavirus (SA-11) and porcine rotavirus (PP).

Background:

Rotavirus (RV) is the major cause of infantile gastroenteritis worldwide; however, RV vaccination has substantially decreased the rate of infant mortality. RV is a double-stranded RNA virus in the family Reoviridae. There are nine species of RV referred to as A, B, C, D, E, F, G, H and I; rotavirus A is the most common species, responsible for more than 90% of rotavirus infections in humans.

Known Reactivity Species:

Rotavirus Group Antigen

Format:

Purified

Immunogen:

Purified bovine rotavirus cell culture adapted strain MR

Formulation

PBS, pH 7.4, 0.09% sodium azide.

Storage and Stability

This antibody is stable for at least one (1) year at 4°C or -20°C.

If frozen, store in appropriate aliquots to avoid multiple freeze-thaw cycles.

Product Preparation

Purified by Protein A affinity chromatography

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

ELISA, Immunoblotting, and IHC Immunofluorescence Detection of RV strain SA11 in paraformaldehyde-fixed HT29 cells 9 hours post-infection. Cells were permeabilized with 0.1% Triton-X100 for 15 minutes at 4°C prior to staining.

End users should determine optimal concentrations for their applications.

Other Applications Reported in Literature:

ELISA, IF, WB

Country of Origin

USA

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

410 Axminister Dr, St. Louis, MO 63026

(800) 538-1145

leincoglobal@leinco.com