

Anti-Rotavirus A p42 (VP6) Mouse Monoclonal Antibody

CATALOG NUMBER: MRV-310-310 100 µg

LOT # 0707YN

Introduction	Rotavirus is a genus of double-stranded RNA viruses in the family Reoviridae. The genome of rotaviruses consists of 11 unique double helix molecules of RNA (dsRNA) which are 18,555 nucleotides in total, encoding 6 structural proteins (VP1, VP2, VP3, VP4, VP6, and VP7) and 6 non-structural proteins (NSP1, NSP2, NSP3, NSP4, NSP5, and NSP6).
Applications	Sandwich ELISA, IHC, Western Blot or other applications.
Description	Mouse anti-rotavirus A p42 monoclonal antibody
Immunogen	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified bovine rotavirus, cell culture adapted strain MR
Isotype	IgG2a
Clone No.	3C10
Specificity	Reacts specifically to p42 (VP6) major inner capsid protein; it recognizes specifically mammalian group A rotaviruses, including porcine, monkey, and human rotaviruses.
Purification	Chromatography on protein A Sepharose
Storage	Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.
Concentration	1 µg/µl in PBS with 0.1% sodium azide
Size	100 µg
Usage	This product does not contain livestock or poultry disease agents, non-toxic/non-contagious and is not intended for human use, only for laboratory research and development.

