

Goat ROTAVIRUS Polyclonal Antibody

GOAT ANTI ROTAVIRUS

CATALOG # AAA49894	HOST Goat	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

ROTAVIRUS; Polyclonal Antibody; GOAT ANTI ROTAVIRUS; anti-ROTAVIRUS antibody

PRODUCT SPECIFICATIONS

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item reacts with rotavirus and is specific for ICPs and late structural (virion) antigens. It has been reported to exhibit 90% cross reactivity with human rotavirus and does not react with HEp-2 cells or WI-38 cells in immunofluorescence. Rotavirus is a virus that infects the bowels and is the most common cause of gastroenteritis in infants. 7 major groups have currently been identified, 3 of which infect humans (groups A, B and C). Its genome consists of 11 segments of double stranded RNA held in the inner core of the three layered, icosahedral virion particle. The genome codes for 6 virus proteins (VP1,2,3,4,6,7) and 6 non-structural proteins (NSP1-6). Outer capsid proteins are VP4 and VP7, inner capsid -VP6 and core -VP2. The immunity acquired from exposure to rotavirus appears to be type specific following initial infection; therefore, multiple serotypes of rotavirus mean multiple opportunities for infection.
Form/Format	Purified Ig fraction - liquid
Concentration	Approximate Protein Concentration: 4.0 mg/ml (varies by lot)
Applicable Applications for anti-ROTAVIRUS antibody	IF (Immunofluorescence)
Perservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Immunogen	Nebraska calf diarrhea virus. Buffer Solution
Target Species	Viral
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-ROTAVIRUS antibody	MBS221118 reacts with rotavirus and is specific for ICs and late structural (virion) antigens. It has been reported to exhibit 90% cross reactivity with human rotavirus and does not react with HEp-2 cells or WI-38 cells in immunofluorescence. Rotavirus is a virus that infects the bowels and is the most common cause of gastroenteritis in infants. 7 major groups have currently been identified, 3 of which infect humans (groups A, B and C). Its genome consists of 11 segments of double stranded RNA held in the inner core of the three layered, icosahedral virion particle. The genome codes for 6 virus proteins (VP1,2,3,4,6,7) and 6 non-structural proteins (NSP1-6). Outer capsid proteins are VP4 and VP7, inner capsid -VP6 and core -VP2. The immunity acquired from exposure to rotavirus appears to be type specific following initial infection; therefore, multiple serotypes of rotavirus mean multiple opportunities for infection.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/rotavirus-antibody-immunofluorescence-elisa/49894>