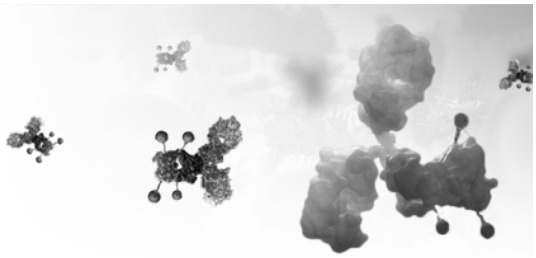

Magic™ Human Anti-Rotavirus VP6 Monoclonal antibody, clone RV37 (DMAB-CS25123)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specific for a quaternary epitope on VP6.
Target	Rotavirus VP6
Immunogen	Sequenced from RV-specific B cells isolated from the blood of healthy adult donors or RV-infected infants or adults.
Isotype	IgG
Source/Host	Human
Species Reactivity	Rotavirus
Clone	RV37
Purification	Protein A/G
Conjugate	Unconjugated
Applications	ELISA, FC, LFIA(Det), Neut We recommend the following antibodies for LFIA (Capture - Detection): DMAB-CS25122 - DMAB-CS25123
Format	Liquid
Size	250 µg, 1 mg
Buffer	0.01 M (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.

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Preservative	None
Storage	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one year. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≥ -70°C. Avoid Repeated Freeze Thaw Cycles.

BACKGROUND

Introduction	Rotaviruses (RV) are double-stranded, non-enveloped, icosahedral RNA viruses in the Reoviridae family that cause severe dehydrating diarrhea in infants and children. RV particles are composed of concentric viral protein (VP) layers. The triple-layered particle has an inner capsid layer (VP2), an intermediate capsid layer (VP6), and an outer capsid layer (VP7, VP4). The transcriptionally active double-layered particle (DLP) consists of VP2 and VP6. VP6 is the most antigenic RV protein in humans.
Keywords	Rotaviruses; RV; Rotavirus VP6; RV VP6

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