

VP7

InVivoMAb Anti-Rotavirus A/RV-A Outer capsid glycoprotein VP7 (lv0011)

Catalog No.	VVV20001A VVV20001B	Quantity:	100 µg 1.0 mg
Alternate Names:	Outer capsid glycoprotein VP7, Rotavirus A (RV-A)		
Description:	Neutralizing mouse monoclonal antibody (clone lv0011) which targets the Rotavirus outer capsid glycoprotein VP7 (strain RVA/Monkey/United States/RRV/1975/G3P5B[3]) (RV-A). Outer capsid protein VP7 is a calcium-binding protein that interacts with rotavirus cell receptors once the initial attachment by VP4 has been achieved.		
UniProt ID (target):	P12476		
Source:	Mammalian cells		
Specificity:	Rotavirus outer capsid glycoprotein VP7 (strain RVA/Monkey/United States/RRV/1975/G3P5B[3]) (RV-A)		
Isotype:	Mouse IgG2a kappa		
Clone:	lv0011		
Purification:	Protein A or G affinity chromatography		
Purity:	> 95% by SDS-PAGE		
Formulation:	Sterile-filtered 0.01M PBS, pH 7.4		
Endotoxin:	< 0.01 EU/µg		
Concentration:	1.0 mg/ml, lot specific		
Applications:	Functional studies, <i>in vivo</i> neutralization, ELISA		
Storage & Stability:	Store at 2-8°C for immediate use within 1-2 weeks or aliquot the stock solution and store at -20°C to -80°C up to 1 year. Avoid repeated freeze/thaw cycles.		

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