

Product Datasheet

Rotavirus (RV) Mouse Monoclonal Antibody (Detection) (orb1921787)

Catalog Number	orb1921787
Category	Antibodies
Description	<p>Rotavirus, member of Reoviridae family, is a non-enveloped double-stranded RNA (dsRNA) virus whose architecture is that three concentric capsids surround a genome of 11 segments of dsRNA. The RNA encodes six structural proteins (VP1, VP2, VP3, VP4, VP6 and VP7) and six non-structural proteins (NSP1, NSP2, NSP3, NSP4, NSP5 and NSP6), both determining the host specificity, cell entry and enzymatic functions and comprising epitopes that generate immune responses. The non-structural proteins are associated with genome replication. Two rotavirus vaccines are broadly used worldwide: the RV5 vaccine and the RV1 vaccine. RV5 vaccine is a live attenuated pentavalent vaccine, while the RV1 vaccine is a live attenuated human monovalent virus vaccine.</p>
Clonality	Monoclonal
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Mouse
Form/Appearance	Purified, Liquid
Buffer/Preservatives	PBS, pH 7.4
Purity	>95% pure (SDS-PAGE)
Purification	Protein A Chromatography
MW	150 kDa

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	CLIA
Specificity	Specific for RV
Matched Pairs	Control: orb1921789; Capture: orb1921788; Detection: orb1921787;
Source	Mammalian cell
Sample Types	Test sample type: Stool. Test sample source: Human
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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