Poliovirus Receptor Antibody – Rat Monoclonal

PRODUCT OVERVIEW

Product Name	Poliovirus Receptor, Monoclonal Antibody
Full Product Name	Anti-Mouse Poliovirus Receptor In Vivo Antibody - Low Endotoxin (4.24)
Product Synonym Names	Pvr; CD155
Clonality	Monoclonal
Isotype	Rat IgG2a Kappa
Clone Number	4.24
Host	Rat
Species Reactivity	Mouse
Form/Format	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Concentration	1.0-5.0mg/ml (lot specific)
Specificity	Anti-CD155 In Vivo Antibody - Low Endotoxin (4.24) recognizes an epitope on Mouse CD155
Preparation and Storage	anti-CD155 In Vivo Antibody - Low Endotoxin (4.24) is stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.
Matching Pairs	Antibody: Poliovirus Receptor Clone #4.24 (MBS3030082) Isotype Control: KLH Clone #2024-01-01 (MBS3030256)
3D Structure	ModBase 3D Structure for Q91WP1
GMP	Manufactured according to cGMP (Current Good Manufacturing Practice) standards.
Endotoxin	<= 1.0 EU/mg as determined by the LAL method
Aggregation	Aggregation level <= 5%
Antigen Distribution	CD155 is expressed at cell junctions on the primary vascular endothelial cells. Also, mouse CD155 is highly expressed on DP thymocytes.
Product Categories/Family for anti-Poliovirus Receptor antibody	Low Endotoxin; anti-mouse
Applications Tested/Suitable for anti-Poliovirus Receptor antibody	Western Blot (WB), Functional Assay (FUNC), Flow Cytometry (FC/FACS)
Related Product Information for anti-Poliovirus Receptor antibody	Mouse CD155, is a member of a subfamily of immunoglobulin-like adhesion receptors. Mouse CD155 is expressed on a variety of cells of hematopoietic origin apart from its existence on the epithelial cells. The engagement of CD155 with CD226 and CD96 induces cytotoxicity of NK cells and CTL.
Other Notes	Small volumes of anti-Poliovirus Receptor antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for Poliovirus Receptor purchase	MBS3030082 is an antibody targeting Poliovirus Receptor. Also known as Anti-Mouse Poliovirus Receptor In Vivo Antibody - Low Endotoxin (4.24). Reactive in Mouse. Host: Rat.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Poliovirus Receptor. It may not necessarily be applicable to this product.

UniProt Primary Accession #	Q91WP1
Protein Family	Poliovirus receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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