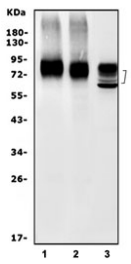
Pvr Antibody / Poliovirus receptor / Cd155 (RQ6385)

Catalog No.	Formulation	Size
RQ6385	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q91WP1
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This Pvr antibody is available for research use only.



Western blot testing of 1) rat C6, 2) rat PC-12 and 3) mouse NIH 3T3 cell lysate with Pvr antibody. Predicted molecular weight ~45 kDa, but may be observed at higher molecular weights due to glycosylation.

Description

CD155 (cluster of differentiation 155) also known as the poliovirus receptor is a protein that in humans is encoded by the PVR gene. The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the Pvr antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids R24-R345) was used as the immunogen for the Pvr antibody.

Storage

After reconstitution, the Pvr antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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