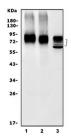


# Pvr Antibody / Poliovirus receptor / Cd155 (RQ6385)

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
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.