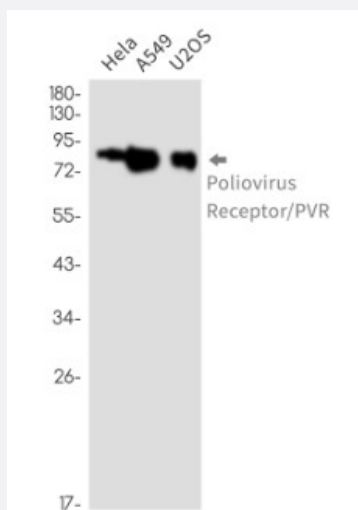


RecomAb™

# PVR recombinant monoclonal antibody, clone R04-2C7

Catalog # RAB01380      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of HeLa, A549, U2OS lysates with PVR recombinant monoclonal antibody, clone R04-2C7 (Cat # RAB01380).

### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cholangiocarcinoma with PVR recombinant monoclonal antibody, clone R04-2C7 (Cat # RAB01380).

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PVR.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human PVR.
Theoretical MW (kDa)	Calculated MW: 45 kD

Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — PVR

Entrez GeneID	<a href="#">5817</a>
Protein Accession#	<a href="#">P15151</a>
Gene Name	PVR
Gene Alias	CD155, FLJ25946, HVED, NECL5, Necl-5, PVS, TAGE4
Gene Description	poliovirus receptor
Omim ID	<a href="#">173850</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

nectin-like 5

**Pathway**

- [Cell adhesion molecules \(CAMs\)](#)

**Disease**

- [Amyotrophic lateral sclerosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Motor Neuron Disease](#)
- [Muscular Atrophy](#)
- [Spinal muscular atrophy](#)