
Product Name: KD-Validated PVR Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01485**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 45.3kDa

Antigen Information

Gene Name	PVR
Alternative Names	PVR; PVR Cell Adhesion Molecule; Poliovirus Receptor; CD155; NECL5; HVED; PVS; Nectin-Like Protein 5; Necl-5; NECL-5; TAGE4; Nectin-Like 5; CD155 Antigen; Tage4
Gene ID	5817.0
SwissProt ID	P15151
Immunogen	A synthesized peptide derived from human Poliovirus Receptor

Background

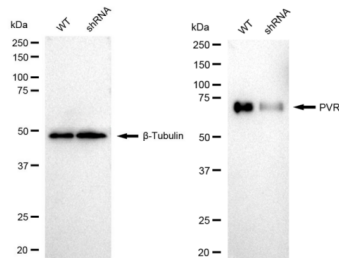
The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is 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, Oct 2008]

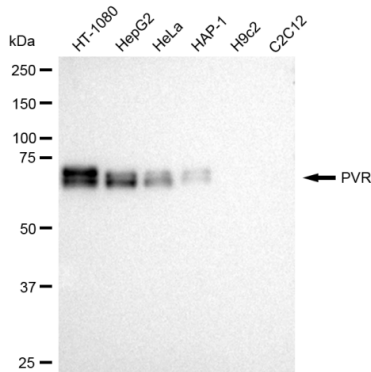
Research Area

Microbiology

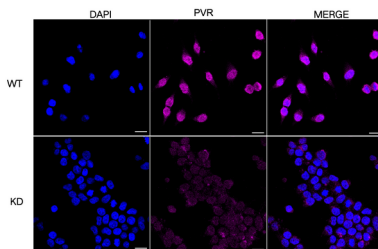
Image Data



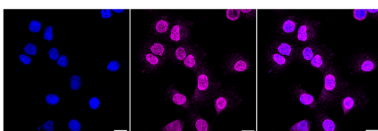
Western blotting analysis using PVR antibody (KVA01485). PVR expression in wild type (WT) and PVR shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with PVR antibody (KVA01485, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PVR antibody (KVA01485). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PVR antibody (KVA01485, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using PVR antibody (KVA01485, 1:1,000), Top panel: wild-type (WT); Bottom panel: PVR shRNA knockdown (KD). Nuclei were stained blue with DAPI; PVR was stained magenta with Alexa Fluor® 647. Scale bar, 20 µm. Permeabilization: Triton.



Immunocytochemical staining of HT-1080 cells with PVR antibody (KVA01485, 1:1,000). Nuclei were stained blue with DAPI; PVR was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Low. Scale bar: 20 µm.