

Rabbit anti-Human CD155/PVR Polyclonal Antibody | anti-PVR antibody

Anti-CD155/PVR Antibody, Rabbit Polyclonal

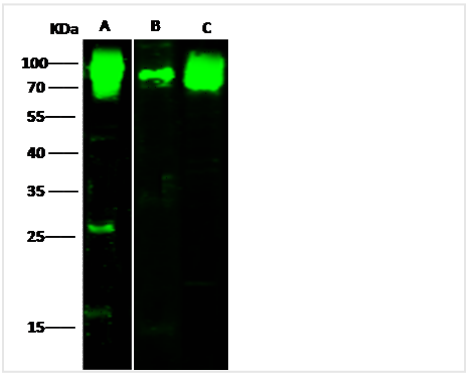
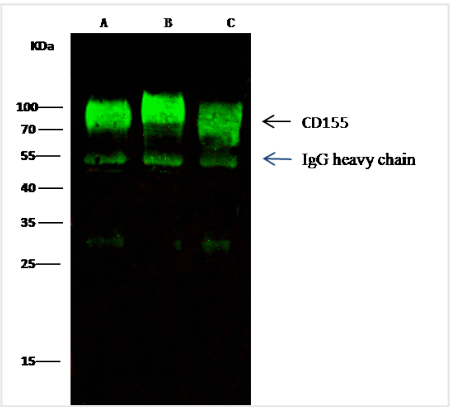
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254468	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

CD155/PVR; Polyclonal Antibody; Anti-CD155/PVR Antibody; Rabbit Polyclonal; CD155/PVR/NECL5 Antibody; Rabbit PAb; Antigen Affinity Purified; poliovirus receptor; Anti-CD155 Antibody; Anti-HVED Antibody; Anti-Necl-5 Antibody; Anti-NECL5 Antibody; Anti-PVS Antibody; Anti-TAGE4 Antibody; anti-PVR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CD155/PVR/NECL-5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PVR antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CD155 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CD155 isoform a (rh CD155). CD155 specific IgG was purified by human CD155 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-CD155 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 45 kDa Observed band size: 85 kDa

IP (Immunoprecipitation)
CD155 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate Lane B: 0.5 mg HepG2 Whole Cell Lysate Lane C: 0.5 mg A549 Whole Cell Lysate 2 uL anti-CD155 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-CD155 rabbit polyclonal antibody, at 1:330 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 88 kDa Observed band size: 88 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PVR antibody	CD155, commonly known as PVR (poliovirus receptor) and Necl-5 (nectin-like molecule-5), is a type I transmembrane single-span glycoprotein, and belongs to the nectins and nectin-like (Necl) subfamily. CD155 was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. The normal cellular function is in the establishment of intercellular adherens junctions between epithelial cells. CD155 may assist in an efficient humoral immune response generated within the intestinal immune system. It has been demonstrated that CD155 can be recognized and bond by DNAM-1 and CD96 which promote the adhesion, migration and NK-cell killing, and thus efficiently prime cell-mediated tumor-specific immunity.
Product Categories/Family for anti-PVR antibody	Cancer Drug Targets
References	Freistadt MS, et al. (2000) Hematopoietic cells from CD155-transgenic mice express CD155 and support poliovirus replication ex vivo. Microb Pathog. 29(4): 203-12. Sato T, et al. (2004) Involvement of heterophilic trans-interaction of Necl-5/Tage4/PVR/CD155 with nectin-3 in formation of nectin-and cadherin-based adherens junctions. Genes Cells. 9(9): 791-9. Kakunaga S, et al. (2004) Enhancement of serum-and platelet-derived growth factor-induced cell proliferation by Necl-5/Tage4/poliovirus receptor/CD155 through the Ras-Raf-MEK-ERK signaling. J Biol Chem. 279(35): 36419-25. Sato T, et al. (2005) Common signaling pathway is used by the trans-interaction of Necl-5/Tage4/PVR/CD155 and nectin, and of nectin and nectin during the formation of cell-cell adhesion. Cancer Sci. 96(9): 578-89. Minami Y, et al. (2007) Involvement of up-regulated Necl-5/Tage4/PVR/CD155 in the loss of contact inhibition in transformed NIH3T3 cells. Biochem Biophys Res Commun. 352(4): 856-60.

NCBI AND UNIPROT INFORMATION

NCBI GI #	609878250
NCBI GeneID	5817
NCBI Accession #	NP_006496.4
NCBI GenBank Nucleotide #	NM_006505.4
UniProt Accession #	P15151; P15152; Q15267; Q15268; Q96BJ1; B4DTS9
Molecular Weight	45,303 Da
NCBI Official Full Name	poliovirus receptor isoform alpha
NCBI Official Synonym Full Names	poliovirus receptor

NCBI Official Symbol	PVR
NCBI Official Synonym Symbols	PVS; HVED; CD155; NECL5; TAGE4; Necl-5
NCBI Protein Information	poliovirus receptor; nectin-like protein 5
UniProt Protein Name	Poliovirus receptor
UniProt Gene Name	PVR
UniProt Synonym Gene Names	PVS; NECL-5
UniProt Entry Name	PVR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd155-pvr-antibody-immunoprecipitation-western-blot-elisa/254468>