

Anti-Nectin-2 Antibody (1C307)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	1C307
Purification:	Protein A

Applications

Verified Activity:	<p>1. Anti-mPVRL2 rabbit monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none">-Lane A: 293T Whole Cell lysate.-Lysates/proteins at 30 µg 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:58 kDa.-Observed band size:58 kDa(We are unsure as to the identity of these extra bands.) <p>2. Mouse PVRL2 was immunoprecipitated using:</p> <ul style="list-style-type: none">-Lane A:0.5 mg Raji Whole Cell Lysate-0.5 µL anti-Mouse PVRL2 rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.-Primary antibody:-Anti-Mouse PVRL2 rabbit monoclonal antibody, at 1:500 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: 58 kDa.-Observed band size: 58 kDa
Application:	ELISA,IP,WB
Recommended	WB: 1:500-1:1000; ELISA: 1:5000-1:10000; IP: 0.2-1 µL/mg of lysate

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Mouse PVRL2 protein (TMPY-01150)

Antigen Species: Mouse

Synonyms: CD112;PRR2;HVEB;Nectin-2;PVRR2;poliovirus receptor-related 2 (herpesvirus entry mediator B)

Research Background

Cluster of Differentiation 112 (CD112), also known as poliovirus receptor related protein 2 (PVRL2 or PRR2), is a single-pass type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. CD112 protein also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and thus is involved in cell to cell spreading of these viruses. CD112 protein has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 protein can induce NK cell- and CD8+T cell-mediated cytotoxicity and cytokine secretion. CD112 has been regarded as a critical component in allergic reactions, and accordingly may function as a novel target for anti-allergic therapy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481