Recombinant CD112/Nectin-2/PVRL2 Monoclonal Antibody

catalog number: AN300508P

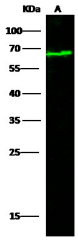
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse PVRL2 protein
Host	Rabbit
Isotype	IgG
Clone	B438
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:1000
IP	0.2-1 μL/mg of lysate

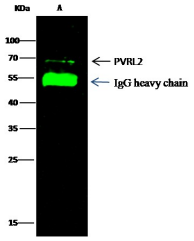
Data



Western Blot with mPVRL2 Monoclonal Antibody at dilution of 1:500 dilution. Lane A: 293T Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:58 kDa

Calculated-MW:58 kDa



Immunoprecipitation analysis using 0.5 μL anti-Mouse PVRL2 Monoclonal Antibody and 15 μl of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using PVRL2 Monoclonal Antibody at a dilution of 1:500. Lane A:0.5 mg Raji Whole Cell Lysate

Observed-MW:58 kDa

Calculated-MW:58 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.

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