Data Sheet (Cat.No.TMAY-03198)

TargetMol

Anti-CD155/PVR Antibody (9R440)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	9R440
Purification:	Protein A

Applications

Verified Activity:	1. Immunofluorescence staining of Mouse PVR(m CD155) in raw264.7 cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with Rabbit anti-Mouse PVR (m CD155) monoclonal antibody (1:100) at 4℃ overnight. Then cells were stained with the Alexa Fluor® 488-conjugated (left panel, captured by laser confocal scanning microscope; right panel, captured by fluorescence microscope) Goat Anti-rabbit IgG secondary antibody, countstained with DAPI (blue). Positive staining was localized to plasma membrane. 2. Flow cytometric analysis of Mouse PVR(CD155) expression on BABL/c splenocytes. Cells were stained with purified anti-Mouse PVR(CD155), then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM,ICC/IF
Recommended	ICC-IF: 1:50-1:1000; FCM: 1:25-1:100

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 CD155 / PVR protein (TMPY-00762)
Antigen Species:	Mouse
Synonyms:	Necl-5;PVS;NECL5;CD155;poliovirus receptor;HVED;TAGE4
Biology Area:	Cancer Drug Targets

Research Background

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.Cancer ImmunotherapyCo-inhibitory Immune Checkpoint TargetsImmune

CheckpointImmune Checkpoint Detection: ELISA AntibodiesImmune Checkpoint Detection: FCM AntibodiesImmune Checkpoint Detection: ICC AntibodiesImmune Checkpoint Detection: IP AntibodiesImmune Checkpoint Detection: WB AntibodiesImmune Checkpoint ProteinsImmune Checkpoint TargetsImmunotherapyTargeted Therapy

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