







CD63 (DGR15539) Rabbit mAb

db12299 Package : 10μL 20μL 50μL 100μL

Product Name: CD63 (DGR15539) Rabbit mAb

Cat.No.: db12299

Synonyms: ME491; C75951; Tspan30

Application: WB, ICC/IF

Reactivity : Mouse
Host species : Rabbit

Background

Functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2/FceRI stimulation, but not in mast cell degranulation in response to other stimuli.

Immunogen A synthetic peptide of mouse CD63

Gene ID 12512

Swiss Prot P41731

Synonyms ME491; C75951; Tspan30

Reactivity Mouse

Application WB, ICC/IF

Recommended dilution WB: 1:1000

ICC/IF: 1:100

Calculated MW 26 kDa

Observed MW 40-70 kDa

Host species Rabbit

Clonality Monoclonal





Clonality No. DGR15539

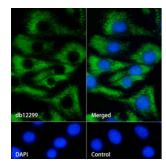
Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of 3T3 cells labelling CD63 with db12299.

The cells were fixed with cold 100% methanol (10min, 4° C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12299 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.