

Recombinant

DGRmAb®

**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/FcεRI 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

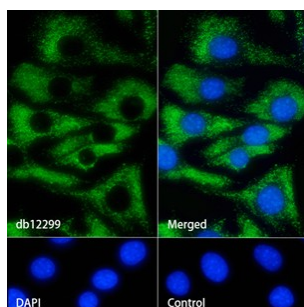
**Host species**

Rabbit

**Clonality**

Monoclonal

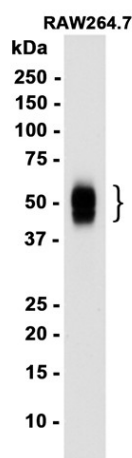
<b>Clonality No.</b>	DGR15539
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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 temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Western blot analysis of extracts from RAW264.7 cells using db12299 at 1:1000.