Recombinant DGRmAb®

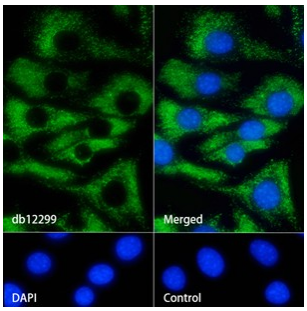
CD63 (DGR15539) Rabbit mAb

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/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

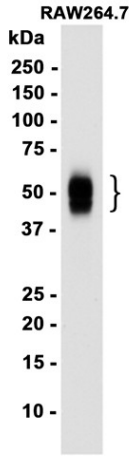
Clonality No.	DGR15539
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of 3T3 cells labelling CD63 with db12299.

The cells were fixed with cold 100% methanol (10min, 4℃) 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.