Recombinant DGRmAb®

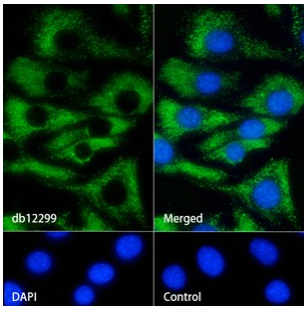
CD63 (DGR15539) Rabbit mAb (PBS Only)

db12299-PBS **Package : 10μg 100μg**

Product Name : CD63 (DGR15539) Rabbit mAb (PBS Only)
Cat.No.: db12299-PBS
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
Calculated MW	26 kDa
Observed MW	40-70 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15539
Isotype	IgG

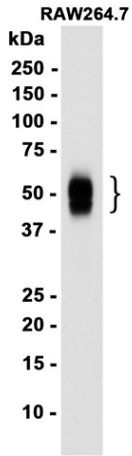
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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.