

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/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

Calculated MW

26 kDa

Observed MW

40-70 kDa

Host species

Rabbit

Clonality

Monoclonal

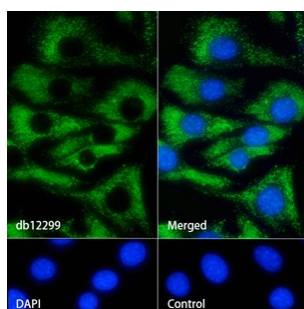
Clonality No.

DGR15539

Isotype

IgG

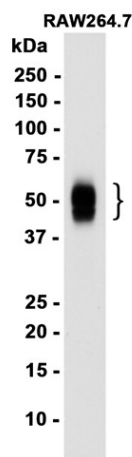
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of 3T3 cells labelling CD63 with [db12299](#).

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