

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

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.