Recombinant DGRmAb®

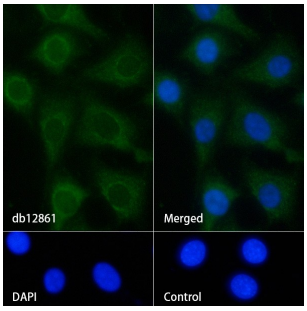
# CD63 (DGR19296) Rabbit mAb

**db12861** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** CD63 (DGR19296) Rabbit mAb
**Cat.No.:** db12861
**Synonyms :** MLA1; ME491; LAMP-3; OMA81H; TSPAN30
**Application :** IHC-P, ICC/IF, FC
**Reactivity :** Human
**Host species :** Rabbit

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|---|---|
| **Background** | The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms. [provided by RefSeq, Apr 2012] |
| **Immunogen** | Recombinant protein of human CD63 |
| **Gene ID** | 967 |
| **Swiss Prot** | P08962 |
| **Synonyms** | MLA1; ME491; LAMP-3; OMA81H; TSPAN30 |
| **Reactivity** | Human |
| **Application** | IHC-P, ICC/IF, FC |
| **Recommended dilution** | IHC-P: 1:200-1:2000<br>ICC/IF: 1:500-1:1000<br>FC: 1:50-1:100 |
| **Calculated MW** | 26 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR19296 |
| **Isotype** | IgG |

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| **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 db12861.

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 db12861 (1:500) 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.