

# Rabbit anti-Human CD63 mAb (DET)

**Catalog No.:** RM17775

## Basic Information

**Catalog No.**  
RM17775

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

## Contact

 | [order@abclonal.com](mailto:order@abclonal.com)

 | [support@abclonal.com](mailto:support@abclonal.com)

 | [www.abclonal.com](http://www.abclonal.com)

## 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.

## Immunogen Information

**Immunogen**  
Recombinant Human CD63 Protein

## Cross-Reactivity

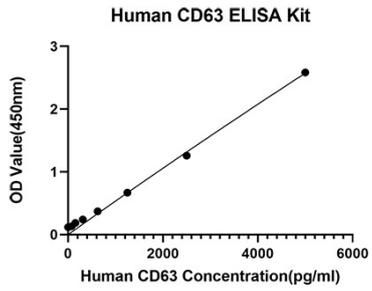
No significant cross-reactivity or interference between CD63 and analogues was observed.

## Assay Applications

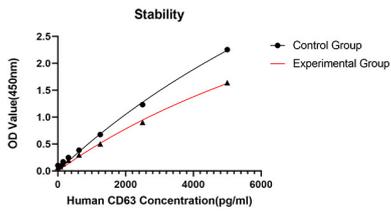
Human CD63 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Human CD63(CAP)(Cat. No.RM17774)
ELISA Detection	0.075-0.3ug/mL	Rabbit anti-Human CD63(DET)(Cat. No.RM17775)
Standard	78-5000pg/mL	Recombinant Human CD63 Protein

## Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.