# Anti-CD63 Antibody (Clone#OTI3D9)

**Catalog Number: *M01080-3***

BOSTER
antibody and ELISA experts
**BOSTER BIOLOGICAL TECHNOLOGY**
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
***Web:*** www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

## Basic Information

| | |
|---|---|
| **Product Name** | Anti-CD63 Antibody (Clone#OTI3D9) |
| **Gene Name** | CD63 |
| **Source** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG2b |
| **Species Reactivity** | human |
| **Tested Application** | WB, FCM |
| **Contents** | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| **Immunogen** | Full length human recombinant protein of human CD63 (NP_001771) produced in HEK293T cell. |
| **Concentration** | 500 ug/ml |
| **Purification** | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| **Observed MW** | 25.5 kDa |
| **Dilution Ratios** | Western blot (WB): 1:2000<br>Flow Cytometry (FCM):1:100 |

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

## Background Information

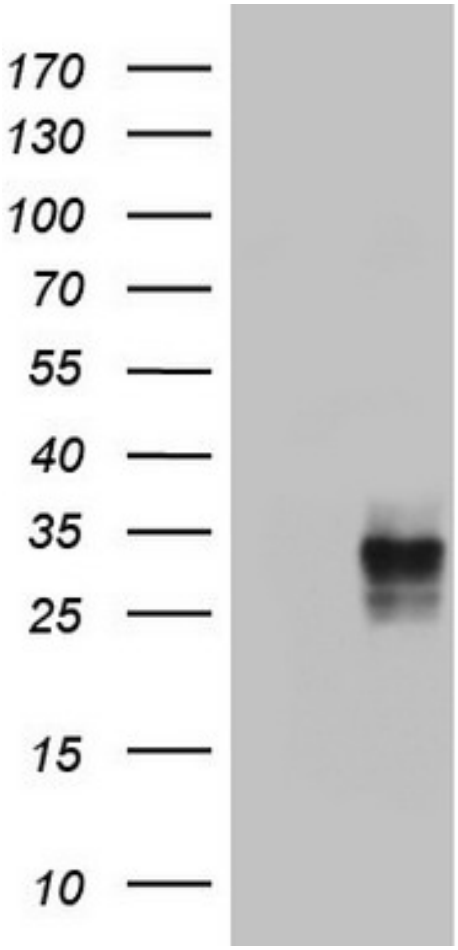
The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in 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]

## Selected Validation Data

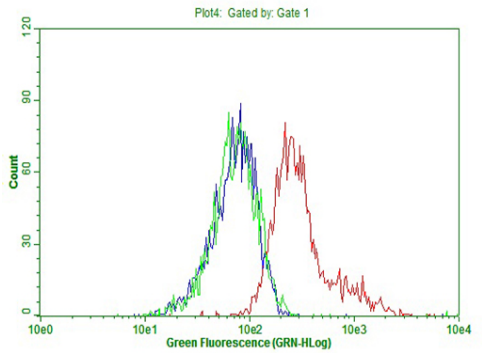
# Anti-CD63 Antibody (Clone#OTI3D9)

**Catalog Number: *M01080-3***

BOSTER
antibody and ELISA experts
**BOSTER BIOLOGICAL TECHNOLOGY**
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
***Web:*** www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com




HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD63 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD63.




Flow cytometric Analysis of MCF-7 cells, using anti-CD63 antibody, (Red), compared to isotype control, (green), and negative control (PBS), (Blue) (1:100)