

CD63 Mouse mAb**Catalog No.: A30046****Basic Information****Observed MW****Calculated MW**

17 kDa/23 kDa/26 kDa

Category

Monoclonal Antibodies

Applications

IF/ICC, IHC-P, ELISA

Cross Reactivity

Human

Clone No.

AMC0924

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.

Recommended Dilutions**IF/ICC** 1:200 - 1:1000**IHC-P** 1:500 - 1:2000**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information**Gene ID**

967

Swiss-Prot

P08962

Immunogen

This information is considered to be commercially sensitive.

Synonyms

AD1; MLA1; ME491; HOP-26; OMA81H; Pltgp40; TSPAN30

Contact | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn**Product Information****Source**

Mouse

Isotype

Mouse IgG

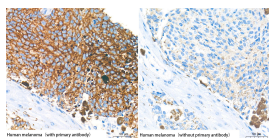
Purity

Affinity purification

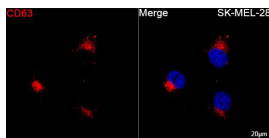
Storage

Store at -20°C

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human malignant melanoma tissue (left, with primary antibody; right, without primary antibody) using CD63 Mouse mAb (A30046) at a dilution of 1:1500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of SK-MEL-28 cells using CD63 Mouse mAb (A30046, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.