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CD63 (M) Antibody, Rabbit Polyclonal

Cat#: R2867-1

Quantity: 100 ul

Predicted | Observed M.W.: 26 | 40 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P08962

Background:

CD63 antigen (CD63) is a multi-pass membrane protein belonging to the tetraspanin (TM4SF) family. CD63 functions as cell surface receptor for TIMP1 and plays a role in the activation of cellular signaling cascades. CD63 also plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. CD63 promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2.

Other Names:

CD63 antigen, Granulophysin, Lysosomal-associated membrane protein 3, LAMP-3, Melanoma-associated antigen ME491, OMA81H, Ocular melanoma-associated antigen, Tetraspanin-30, Tspan-30, CD63, MLA1, TSPAN30

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human CD63. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

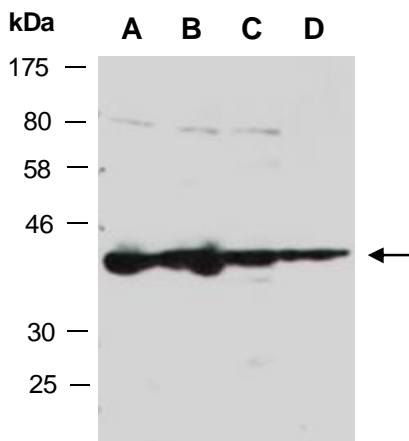


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C) human HeLa, D) human Jurkat; using anti-CD63 (M) (R2867-1) at RT for 2 h.