Product Datasheet

CD63 Rabbit mAb

Catalog No: #62246

Package Size: #62246-1 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CD63 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR4552
Purification	Protein A affinity purified.
Applications	WB;IHC;IF;IP;FC
Species Reactivity	Human
Immunogen Type	Protein
Immunogen Description	Recombinant protein within
Conjugates	unconjugated
Target Name	CD63
Uniprot	P08962
Calculated MW	26 kDa
Concentration	1ug/ul
Formulation	PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Application Details

WB 1:1000;

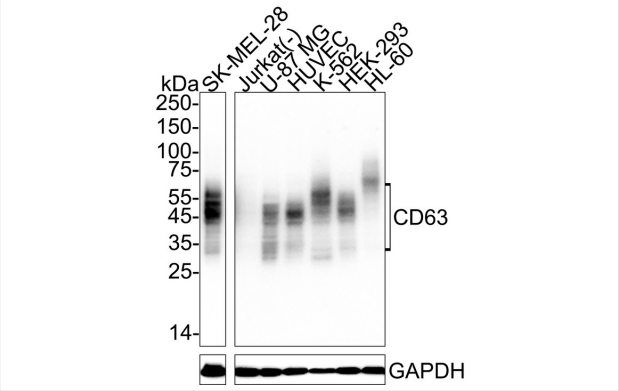
IHC 1:200;

IF 1:250;

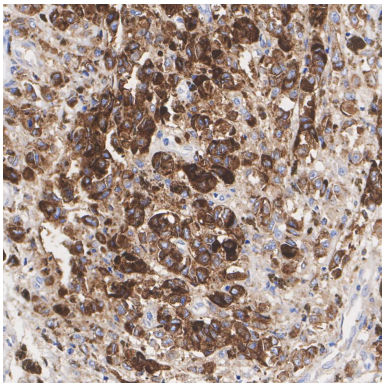
IP 1-2ug/sample;

FC 1:1000;

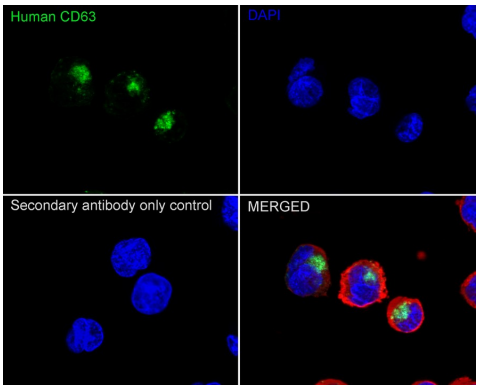
Images



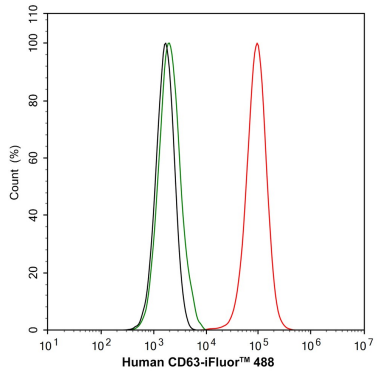
Western blot analysis of CD63 on different lysates with Rabbit CD63 at 1/1,000 dilution.
Lane 1: SK-MEL-28 cell lysate
Lane 2: Jurkat cell lysate (negative)
Lane 3: U-87 MG cell lysate
Lane 4: HUVEC cell lysate
Lane 5: K-562 cell lysate
Lane 6: HEK-293 cell lysate
Lane 7: HL-60 cell lysate
Lysates/proteins at 20 ug/Lane.
Predicted band size: 26 kDa
Observed band size: 30-65 kDa



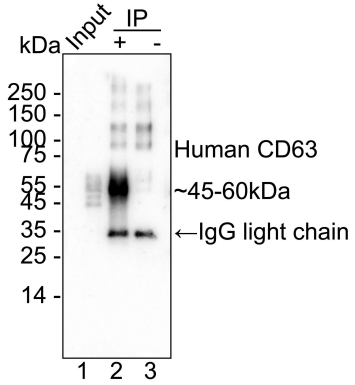
Immunohistochemical analysis of paraffin-embedded human melanoma tissue with CD63 at 1/200 dilution.
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry analysis of K-562 cells labeling CD63 at 1/250 dilution.
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with CD63 at 1/250 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow cytometric analysis of K-562 cells labeling CD63.
Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (1ug/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C.
Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



CD63 was immunoprecipitated from 0.2 mg SK-MEL-28 cell lysate at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.
Lane 1: SK-MEL-28 cell lysate (input)
Lane 2: CD63 IP in SK-MEL-28 cell lysate
Lane 3: Rabbit IgG instead of CD63 in SK-MEL-28 cell lysate
Blocking/Dilution buffer: 5% NFDM/TBST

Note: This product is for in vitro research use only