

CD63 (ANT0043R) Rabbit mAb

CatalogNo: ANT8363 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 26kD (Calculated)
 - IgG,Kappa
- 30-65kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0043R

Target Information

Endogenous

Gene name CD63

Protein Name CD63 antigen

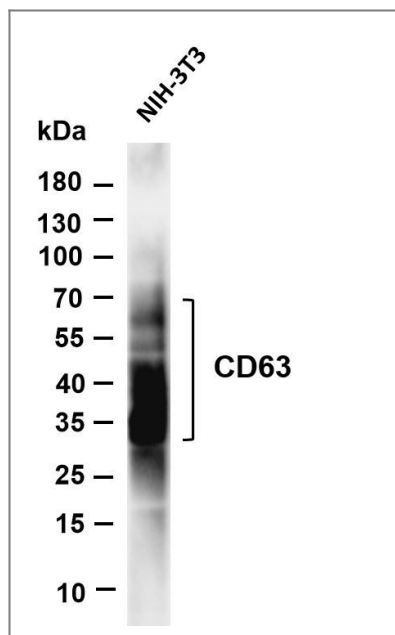
Organism	Gene ID	UniProt ID
Human	967 ;	P08962 ;
Mouse		P41731 ;

Cellular Localization Membrane

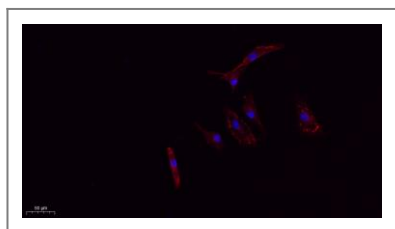
Tissue specificity Detected in platelets (at protein level). Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages.

Function: This antigen is associated with early stages of melanoma tumor progression. May play a role in growth regulation. ,miscellaneous: Lack of expression of CD63 in platelets has been observed in a patient with Hermansky-Pudlak syndrome (HPS). Hermansky-Pudlak syndrome (HPS) is a genetically heterogeneous, rare, autosomal recessive disorder characterized by oculocutaneous albinism, bleeding due to platelet storage pool deficiency, and lysosomal storage defects. This syndrome results from defects of diverse cytoplasmic organelles including melanosomes, platelet dense granules and lysosomes. Ceroid storage in the lungs is associated with pulmonary fibrosis, a common cause of premature death in individuals with HPS. ,similarity: Belongs to the tetraspanin (TM4SF) family. ,subcellular location: Also found in Weibel-Palade bodies of endothelial cells. Located in platelet dense granules. ,tissue specificity: Dysplastic nevi, radial growth phase primary melanomas, hematopoietic cells, tissue macrophages. ,

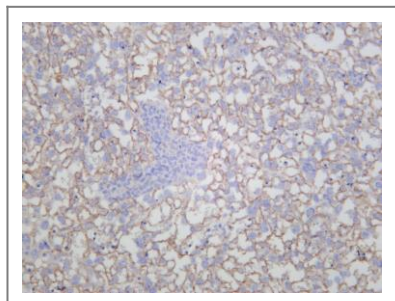
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD63 (ANT0043R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: NIH-3T3 Predicted band size: 26kDa Observed band size: 30-65kDa



Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Mouse placenta was stained with anti-CD63 (ANT0043R) rabbit antibody

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