

Purified Anti-human CD63 Antibody

Alternate names: LAMP-3; ME491;
MLA-1; Granulophysin; Ptgr40; NGA; gp55

Catalog No.: RGAB103-###

Amount: 50/100 µg

Host: Mouse

Isotype: Mouse IgG1, κ

Clonality: Mouse Monoclonal Unconjugated

Immunogen: Human Splenic Adherent Cells

Purification: Protein A affinity chromatography

Molecular Weight: 30-60 kDa

Form: Liquid

Formulation: 1.0mg/ml in Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Species Reactivity: Human

Storage Conditions: Store at 2-8°C. DO NOT FREEZE!

Description: Anti-CD63 recognizes an extracellular fragment of CD63, a 56-kilodalton (kDa), type III lysosomal glycoprotein, belonging to the tetraspanin family. CD63 is expressed by granulocytes, platelets, T-cells, monocytes/macrophages, endothelial cells. CD63 protein is also expressed in exosome membrane. CD63 protein is a canonical exosome marker and currently used to characterize exosome populations from a variety of body fluids. **These glycosylations can affect the size at which the marker proteins appear on a Western blot and bands may appear at several different sizes.**

Applications

WB: 1:1,000-1:2,000

ELISA: 1:200 (coating)

FACS: 1:200-1:1,000

IF: 1:100-1:1,000

NOTE: This information is only intended as a guide. The optimal dilutions must be determined by the user.

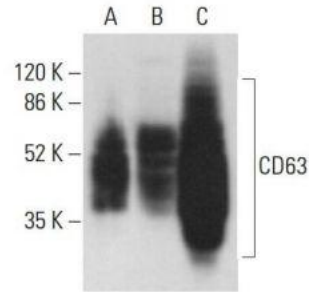


图 1. Detection of CD63 by Western Blot

A. NIH/3T3 cells lysate

B. Hs68ells cells lysate

C. NIH/3T3 cells purified exosomes

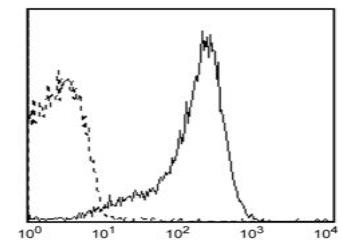


图 2. Detection of CD63 by FACS

CD63 staining of human plasma purified exosomes.

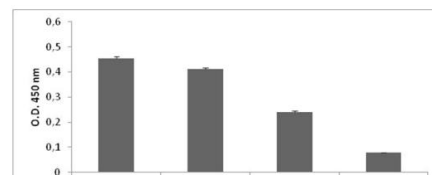


图 3. Detection of CD63 on exosomes by ELISA

CD63 detection in purified exosomes from cell supernatants (HMY, BALL, LNCap and Blank, respectively).

RELATED PRODUCTS

Anti-human CD63 Biotin Conjugated Antibody (Cat. No. RGAB104-###)

Other exosome specific antibodies (Cat. No. RGAB100-50 to Cat. No. 120-100)

FOR RESEARCH USE ONLY! Not to be used on humans.