

Datasheet for ABIN3030409
anti-CD63 antibody (AA 163-190)



[Go to Product page](#)

8 Images

Overview

| | |
|----------------------|--|
| Quantity: | 0.2 mL |
| Target: | CD63 |
| Binding Specificity: | AA 163-190 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CD63 antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|---|
| Immunogen: | A portion of amino acids 163-190 from the human protein was used as the immunogen for this CD63 antibody. |
| Isotype: | Ig Fraction |
| Purification: | Antigen affinity purified |

Target Details

| | |
|-------------------|--|
| Target: | CD63 |
| Alternative Name: | CD63 (CD63 Products) |
| Background: | CD63 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 |

Target Details

regulation of cell development, activation, growth and motility. This 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. The use of alternate polyadenylation sites has been found for this gene.

UniProt: [P08962](#)

Application Details

Application Notes: Titration of the CD63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (FFPE): 1:25,FACS: 1:25 per 1x10⁶ cells

Restrictions: For Research Use only

Handling

Format: Liquid

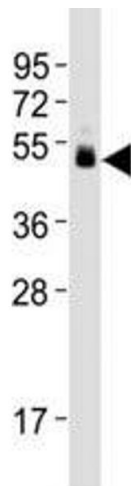
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

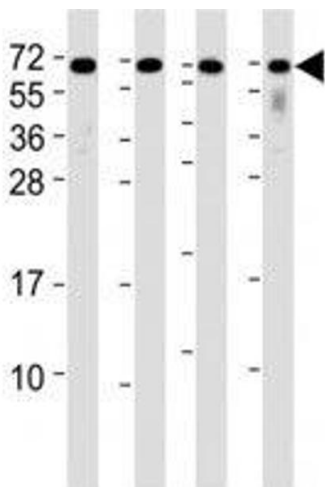
Storage: -20 °C

Storage Comment: Aliquot the CD63 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



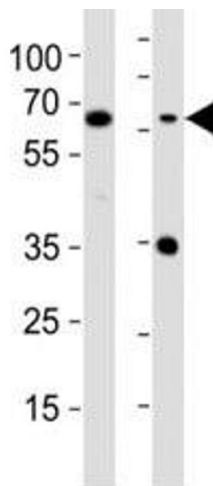
Western Blotting

Image 1. Western blot testing of CD63 antibody at 1:1000 dilution + human plasma lysate; Predicted band size: 25-60 kDa depending on glycosylation level.



Western Blotting

Image 2. Western blot testing of CD63 antibody at 1:2000 dilution. Lane 1: A2058 lysate; 2: A375 lysate; 3: THP-1 lysate; 4: U-87 MG lysate; Predicted band size: 25-60 kDa depending on glycosylation level.



Western Blotting

Image 3. Western blot testing of CD63 antibody at 1:1000 dilution. Lane 1: A2058 lysate; 2: MDA-MB-453 lysate; Predicted band size: 25-60 kDa depending on glycosylation level.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3030409.