

## Anti-CD63 antibody

<b>Cat. No.</b>	ml160973
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-CD63 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human CD63
<b>Reactivity</b>	Human, Mouse
<b>Content</b>	0.7 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	CD63
<b>Full name</b>	CD63 molecule
<b>Synonyms</b>	MLA1; ME491; LAMP-3; OMA81H; TSPAN30
<b>Swissprot</b>	P08962

### Target Background

The protein encoded by this gene 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 regulation of cell development, activation, growth and motility. The 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. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

订购热线: 4008-898-798

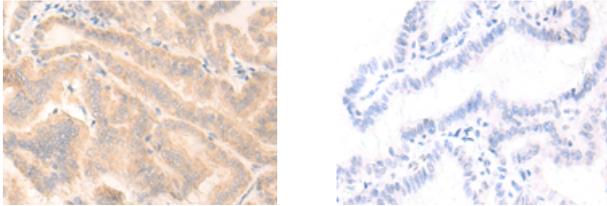
### Applications

#### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160973(CD63 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

#### Western blotting

Predicted band size: 26 kDa

Positive control: NIH/3T3 cell lysate

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

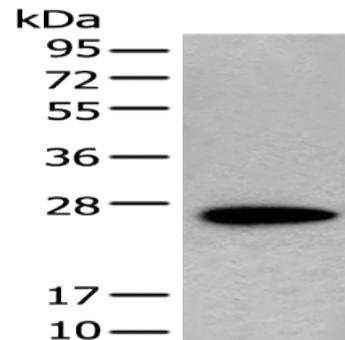
Lysate: 40  $\mu$ g

Lane: NIH/3T3 cell lysate

Primary antibody: ml160973(CD63 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds



#### ELISA

Recommended dilution: 5000-10000

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