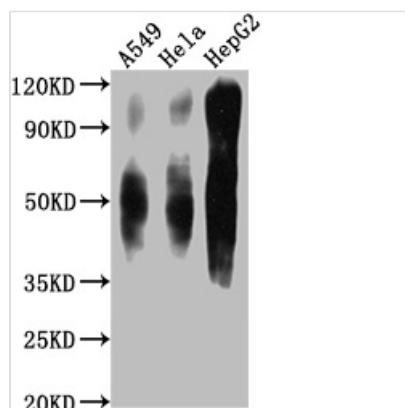




# CD63 Monoclonal Antibody

<b>Product Code</b>	CSB-MA004950A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P08962
<b>Immunogen</b>	Recombinant Human CD63 antigen protein (103-203AA)
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC, IF, FC; Recommended dilution: WB:1:1000-1:8000, IHC:1:50-1:200, IF:1:50-1:200, FC:1:50-1:200
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, Protein A purified
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal Antibody
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Gene Names</b>	CD63
<b>Clone No.</b>	1H1E11

## Image

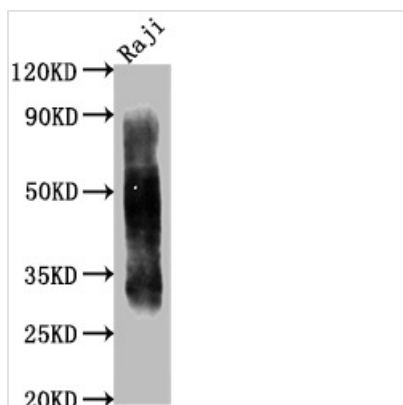


### Western Blot

Positive WB detected in: A549 whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate  
All lanes CD63 antibody at 1:1000

### Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution  
Predicted band size: 30-120 KD KDa  
Observed band size: 30-120 KD KDa  
Exposure time:1min



#### Western Blot

Positive WB detected in: Raji whole cell lysate

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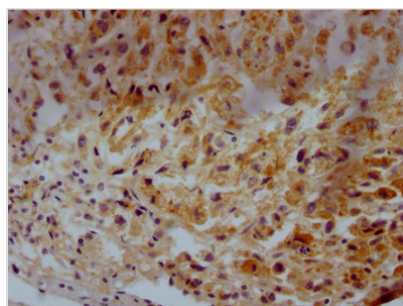
Secondary

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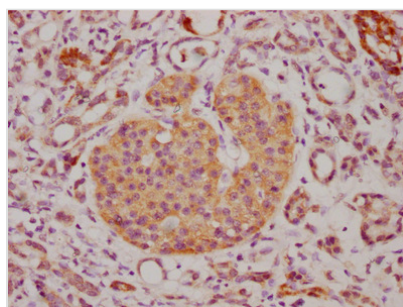
Predicted band size: 30-120 KD KDa

Observed band size: 30-120 KD KDa

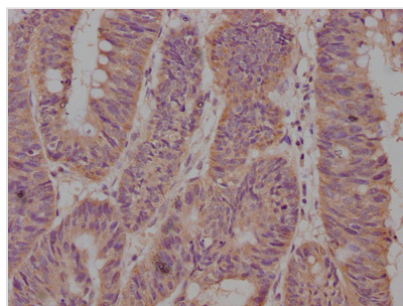
Exposure time:1min



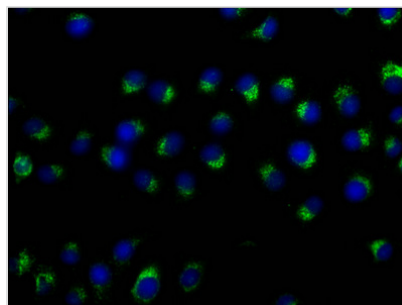
IHC image of CSB-MA004950A0m diluted at 1:500 and staining in paraffin-embedded human glioma tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG labeled by HRP and visualized using 0.05% DAB.



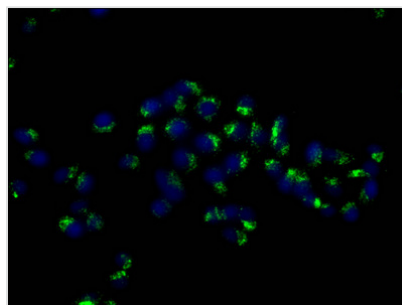
IHC image of CSB-MA004950A0m diluted at 1:500 and staining in paraffin-embedded human lung cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG labeled by HRP and visualized using 0.05% DAB.



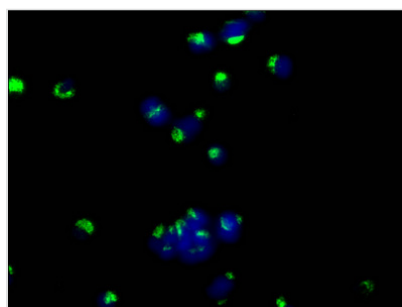
IHC image of CSB-MA004950A0m diluted at 1:500 and staining in paraffin-embedded human lung cancer tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37°C. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG labeled by HRP and visualized using 0.05% DAB.



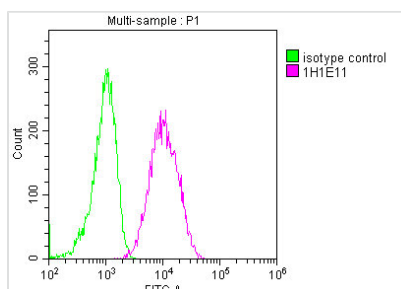
Immunofluorescence staining of A549 cells with CSB-MA004950A0m at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



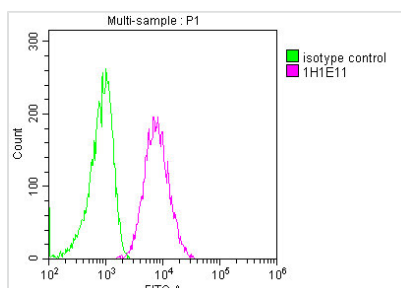
Immunofluorescence staining of HeLa cells with CSB-MA004950A0m at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Immunofluorescence staining of MCF-7 cells with CSB-MA004950A0m at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



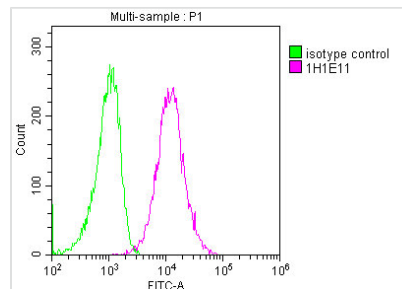
Overlay histogram showing A549 cells stained with CSB-MA004950A0m (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG2b (1µg/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



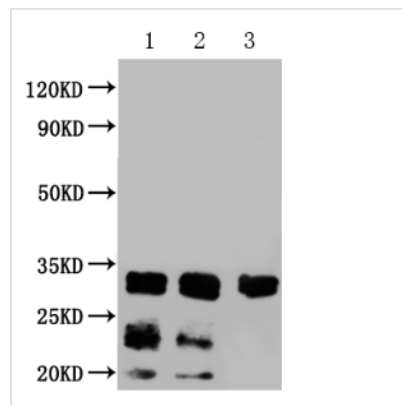
Overlay histogram showing HeLa cells stained with CSB-MA004950A0m (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1µg/1\*10<sup>6</sup>cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG2b (1µg/1\*10<sup>6</sup>cells) used



under the same conditions. Acquisition of >10,000 events was performed.



Overlay histogram showing HepG2 cells stained with CSB-MA004950A0m (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum was incubated to block non-specific protein-protein interactions followed by the antibody (1 $\mu$ g/1\*10<sup>6</sup>cells) for 1 h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG2b (1 $\mu$ g/1\*10<sup>6</sup>cells) used under the same conditions. Acquisition of >10,000 events was performed.



1. Exosomes extracted from HeLa cells
2. Exosomes extracted from HeLa cells
3. Exosomes extracted from urine