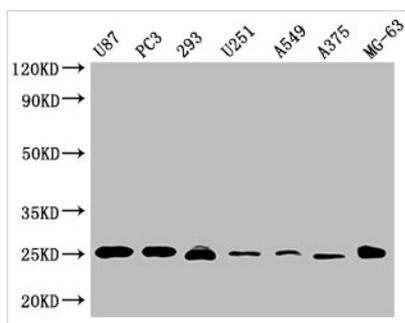




# CD9 Monoclonal Antibody

<b>Product Code</b>	CSB-MA004969A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P21926
<b>Immunogen</b>	Recombinant Human CD9 antigen protein (112-195AA)
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IHC; Recommended dilution: WB: 1:1000-1:16000, IHC: 1:50-1:200
<b>Relevance</b>	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.
<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 G purified
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Gene Names</b>	CD9
<b>Clone No.</b>	5A6D8

## Image

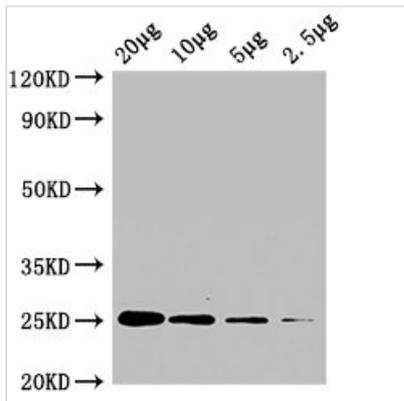


### Western Blot

Positive WB detected in: U87 whole cell lysate, PC3 whole cell lysate, 293 whole cell lysate, U251 whole cell lysate, A549 whole cell lysate, A375 whole cell lysate, MG-63 whole cell lysate  
All lanes CD9 antibody at 1:2000

### Secondary

Goat polyclonal to mouse IgG at 1/50000 dilution  
Predicted band size: 25 KDa  
Observed band size: 25 KDa  
Exposure time:5min

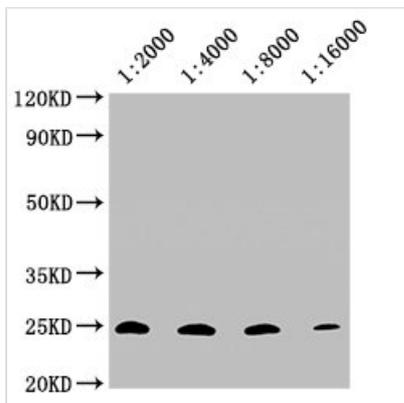


**Western Blot**

Positive WB detected in: A549 whole cell lysate at 20µg, 10µg, 5µg, 2.5µg All lanes: CD9 antibody at 1:2000

**Secondary**

Goat polyclonal to mouse IgG at 1/50000 dilution  
 Predicted band size: 25 KDa  
 Observed band size: 25 KDa  
 Exposure time:10min

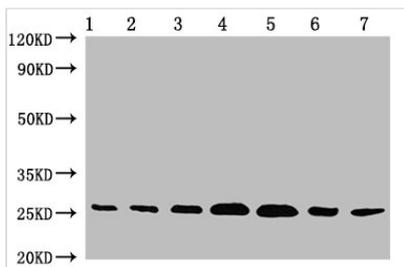


**Western Blot**

Positive WB detected in: 20µg A549 whole cell lysate CD9 antibody at 1:2000, 1:4000, 1:8000, 1:16000

**Secondary**

Goat polyclonal to mouse IgG at 1/50000 dilution  
 Predicted band size: 25 KDa  
 Observed band size: 25 KDa  
 Exposure time:10min



**Western Blot**

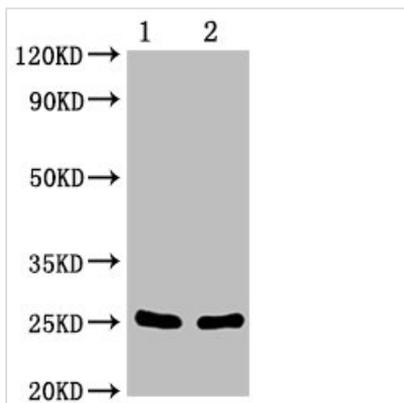
Positive WB detected in:

1. Exosomes extracted from plasma
2. Exosomes extracted from serum
3. Exosomes extracted from urine
4. Exosomes extracted in cell supernatant
5. Exosomes extracted from latex
6. Exosomes extracted from saliva
7. HeLa whole cell lysate

All lanes CD9 antibody at 1:1000

**Secondary**

Goat polyclonal to mouse IgG at 1/50000 dilution  
 Predicted band size: 25 KDa  
 Observed band size: 25 KDa  
 Exposure time:5min



**Western Blot**

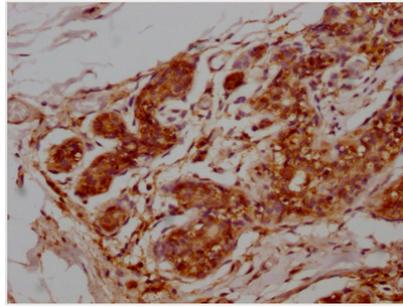
Positive WB detected in:

1. Exosomes extracted from saliva
2. HeLa whole cell lysate

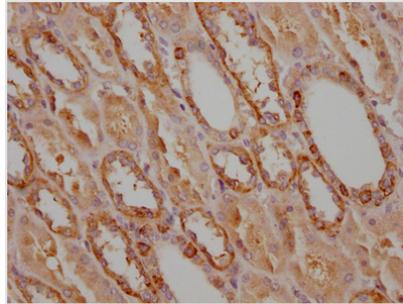
All lanes Ywhaz antibody at 1:5000

**Secondary**

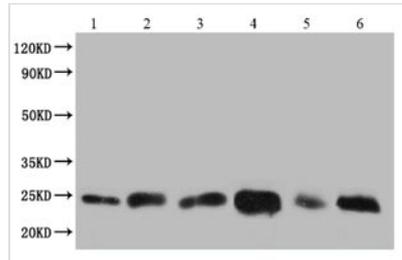
Goat polyclonal to mouse IgG at 1/50000 dilution  
 Predicted band size: 25 KDa  
 Observed band size: 25 KDa  
 Exposure time:5min



IHC image of MA004969A0m diluted at 1:50 and staining in paraffin-embedded human breast cancer tissue performed on a Leica Bond™ 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 MA004969A0m diluted at 1:50 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ 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.



1. Exosomes extracted from plasma
2. Exosomes extracted from serum
3. Exosomes extracted from urine
4. Exosomes extracted from Hela cells
5. Exosomes extracted from latex
6. Exosomes extracted from saliva