

## Recombinant GAPDH Monoclonal Antibody

catalog number: **AN004430L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

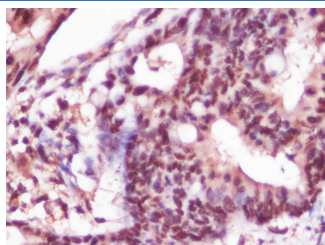
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant protein within Mouse GAPDH
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	20B8
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

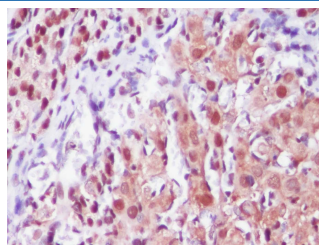
### Recommended Dilution

1:2000-1:20000

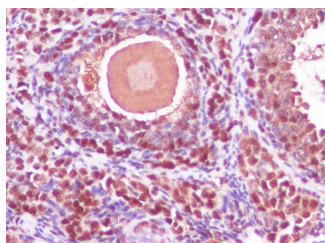
### Data



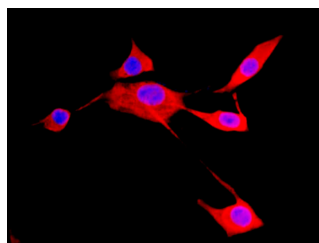
Immunohistochemistry of paraffin-embedded human colon cancer using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



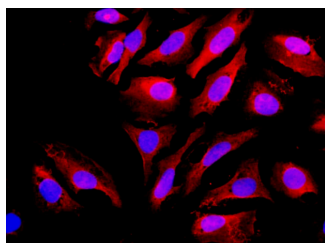
Immunohistochemistry of paraffin-embedded human appendix using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



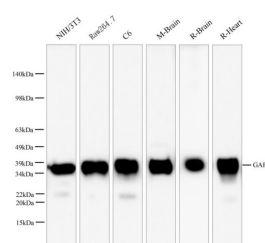
Immunohistochemistry of paraffin-embedded human breast cancer using Recombinant GAPDH Monoclonal Antibody at dilution of 1:5000.



Immunofluorescence analysis of U-2 OS cells using Recombinant GAPDH Monoclonal Antibody at dilution of



1:1000



### For Research Use Only

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Rev. V2.5

Immunofluorescence analysis of NIH/3T3 cells using Recombinant GAPDH Monoclonal Antibody at dilution of 1:1000

Western blot with Anti Recombinant GAPDH Monoclonal Antibody at dilution of 1:2000. Lane 1:NIH/3T3 cell lysate,Lane 2:RAW264.7 cell lysate,Lane 3:C6 cell lysate, Lane 4:Mouse Brain tissue lysate,Lane 5:Rat Brain tissue lysate,Lane 6:Rat Heart tissue lysate.

**Observed-MW:36 kDa**

**Calculated-MW:36 kDa**

## Preparation & Storage

**Storage**

Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

## Background

GAPDH is an enzyme of 36kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. Because the GAPDH gene is often stably and constitutively expressed at high levels in most tissues and cells,it is commonly used as a loading control for western blot and as a control for qPCR.

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