

## GAPDH Monoclonal Antibody

catalog number: **E-AB-48016**

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

### Description

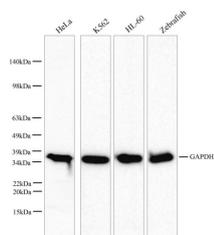
<b>Reactivity</b>	Human;Mouse;Rat ;Bovine;Caprine;Guinea pig;Rabbit;Porcine;
<b>Immunogen</b>	Recombinant human GAPDH protein expressed by E.coli
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Clone</b>	3B3
<b>Purification</b>	Protein A/G Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

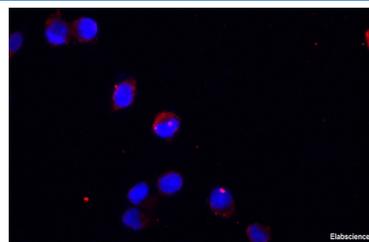
<b>WB</b>	1:5000-1:10000
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### Data



Western blot with Anti GAPDH Monoclonal Antibody at dilution of 1:5000. Lane 1:HeLa cell lysate,Lane 2:K562 cell lysate, Lane 3:HL-60 cell lysate,Lane 4:Zebrafish lysate.

**Observed-MW:36 kDa**  
**Calculated-MW:36 kDa**



Immunofluorescent analysis of 293F cells using anti-GAPDH monoclonal antibody at 1:400 dilution.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

GAPDH is an enzyme of 37kDa 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.

### For Research Use Only