

## Anti-GAPDH Mouse Monoclonal Antibody

Catalog Number: YFMA0037; Size: 100 $\mu$ L

### Background:

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.

### Product Information:

**Product name:** Anti-GAPDH Mouse Monoclonal Antibody

**Isotype:** IgG1

**Form:** Liquid

**Tested applications:** WB

**Dilution Ratio:** WB: 1:5000-1:10000

**Species reactivity:** Human, Mouse, Rat, Hamster, Monkey

**Host Species:** Mouse

**Purity:** Affinity purification

### Immunogen Information:

**Immunogen:** Purified recombinant human GAPDH protein fragments expressed in E.coli.

**Molecular Weight:** Calculated MW: 36kDa; Observed MW: 36kDa.

**Swiss Prot:** P04406

**Gene ID (NCBI) :** 2597

**Alternative Names :** G3PD; GAPD; HEL-S-162eP.

### Storage:

Store at 4 ° C short term. Aliquot and store at -20 ° C long term. Avoid freeze/thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

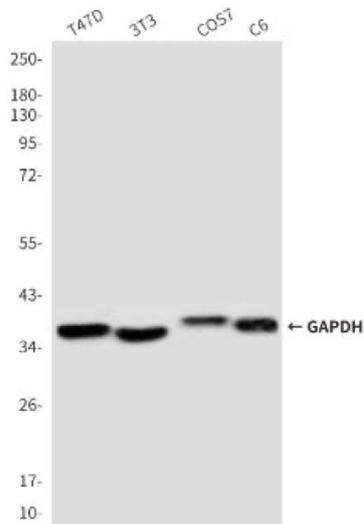
### Service & Support:

- 1、 Please do not hesitate to contact us if you have any questions.
- 2、 Please fill in the Technical Support Request Form and email the form to [support@yfxbio.com](mailto:support@yfxbio.com) within 3months of receipt of the goods, and we will response to your inquiry within 24 hours.
- 3、 The after-sale service channel will be shut down after 3 months.
- 4、 Product has not been fully validated for medical applications. For research use only.

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### Applications:

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.



Western blot analysis of GAPDH in T47D, 3T3, COS7 and C6 lysates using GAPDH Mouse Monoclonal Antibody.