# **GAPDH Mouse mAb (High Dilution)**

Catalog No.: AC033 300 Publications



# **Basic Information**

# **Observed MW**

36kDa

# **Calculated MW**

36kDa

## Category

Loading control antibody

# **Applications**

WB,IHC-P,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

AMC0062

# **Background**

# **Recommended Dilutions**

**WB** 1:100000 - 1:660000

IHC-P 1:100 - 1:500

IF/ICC 1:50 - 1:200

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

# **Immunogen Information**

**Gene ID Swiss Prot**2597
P04406

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

# **Synonyms**

G3PD; GAPD; HEL-S-162eP; GAPDH

# **Contact**

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$\bowtie$		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

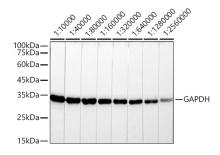
# **Product Information**

Source	Isotype	Purification
Mouse	lgG2b,Kappa	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from HeLa cells using GAPDH Mouse mAb (High Dilution) (AC033) at 1:10000-1:2560000 dilution incubated overnight at  $4^{\circ}$ C.

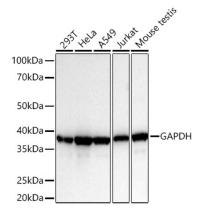
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25  $\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20 s.



Western blot analysis of various lysates using GAPDH Mouse mAb (High Dilution) (AC033) at 1:220000

dilution incubated overnight at 4°C.

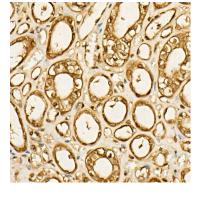
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

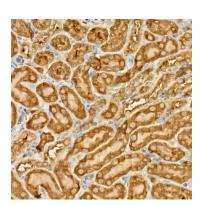
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

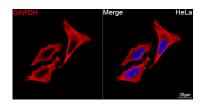
Exposure time: 10s.



Immunohistochemistry analysis of paraffinembedded Human kidney using GAPDH Mouse mAb (High Dilution) (AC033) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

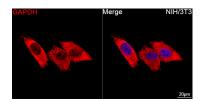


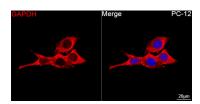
Immunohistochemistry analysis of paraffinembedded Mouse kidney using GAPDH Mouse mAb (High Dilution) (AC033) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Confocal imaging of HeLa cells using GAPDH Mouse mAb (High Dilution) (AC033, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

# **Validation Data**





Confocal imaging of NIH/3T3 cells using GAPDH Mouse mAb (High Dilution) (AC033, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

Confocal imaging of PC-12 cells using GAPDH Mouse mAb (High Dilution) (AC033, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (AS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.