

GAPDH Mouse Monoclonal Antibody (High Dilution)

CABC033

Description

This GAPDH Mouse Monoclonal Antibody (High Dilution) is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CABC033
Contents:	20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	G3PD, GAPD, HEL-S-162eP, GAPDH
Clone:	AMC0062
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	2597
Uniprot:	AB_2769570
Host Species:	Mouse
Purification:	Affinity purification
Observed MW:	36kDa
Calculated MW:	36kDa

Preparation & Storage

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.

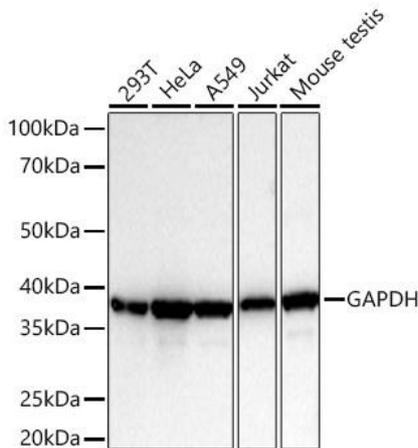
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: 293T, HeLa, A549, Jurkat, Mouse testis

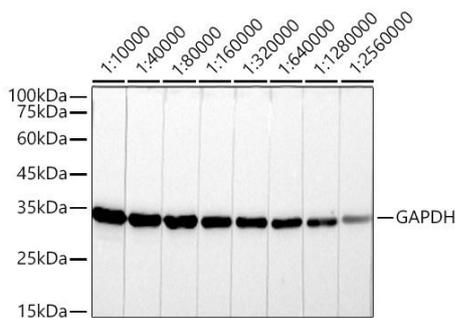
Recommended Dilutions:	WB	1:100000 - 1:660000
	IHC-P	1:100 - 1:500
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

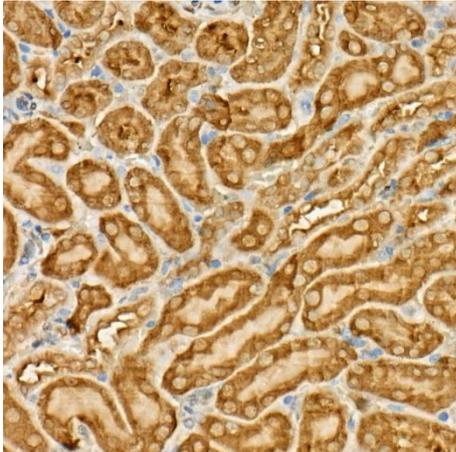
Validation Data



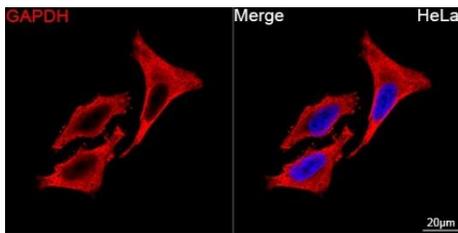
Western blot analysis of various lysates using GAPDH Mouse mAb (High Dilution) (CABC033) at 1:220000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 10s.



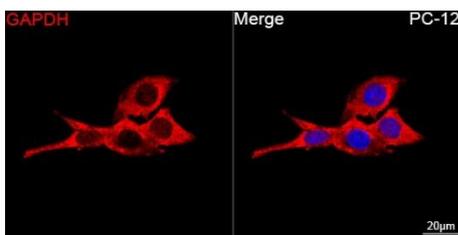
Western blot analysis of lysates from HeLa cells using GAPDH Mouse mAb (High Dilution) (CABC033) at 1:10000-1:2560000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 20 s.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using GAPDH Mouse mAb (High Dilution) (CABC033) 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) (CABC033, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (CABS008, 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) (CABC033, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Mouse IgG (H+L) (CABS008, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.