

Product Datasheet

GAPDH Antibody (orb166925)

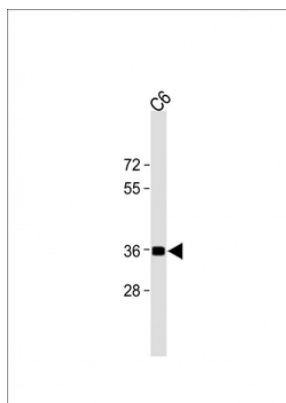
Description	Mouse monoclonal antibody to GAPDH.
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-P, WB
Target	GAPDH
Form/Appearance	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	IgG1
Clonality	Monoclonal
Clone Number	1A10A10
MW	36053
Uniprot ID	P04406
NCBI	NP_002037.2, NP_001243728.1
Dilution Range	WB: 1:2000-10000, IHC-P: 1:25, IF/ICC: 1:25
Expiration Date	12 months from date of receipt.

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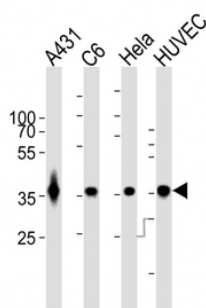
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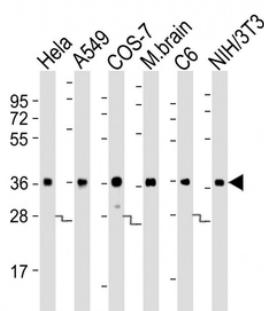
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All lanes: Anti-GAPDH Antibody at 1:1000 dilution + C6 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/15000 dilution. Observed band size: 36KDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-GAPDH Antibody at 1:1000 dilution. Lane 1: A431 whole cell lysates. Lane 2: C6 whole cell lysates. Lane 3: HeLa whole cell lysates. Lane 4: HUVEC whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 36 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



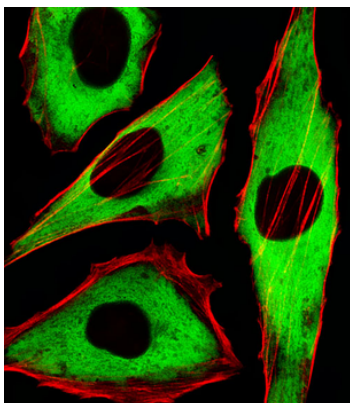
All lanes: Anti-GAPDH Antibody at 1:8000 dilution. Lane 1: HeLa whole cell lysates. Lane 2: A549 whole cell lysates. Lane 3: COS-7 whole cell lysates. Lane 4: mouse brain lysates. Lane 5: C6 whole cell lysates. Lane 6: NIH/3T3 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 36 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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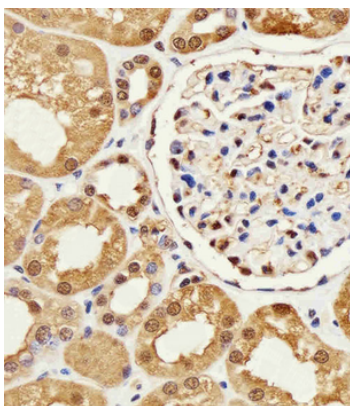
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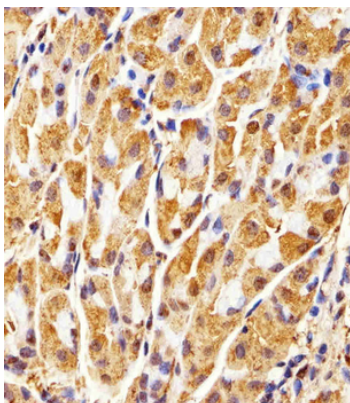
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Fluorescent image of HeLa cells stained with XAF1 GAPDH Antibody. diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded H.kidney section using GAPDH Antibody. diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



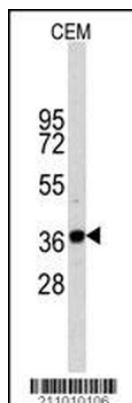
Immunohistochemical analysis of paraffin-embedded H.stomach section using GAPDH Antibody. diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

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Western blot analysis of anti-GAPDH Monoclonal Antibody in CEM cell line lysates (35 µg/lane). GAPDH (arrow) was detected using the purified Mab.

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