

Product Datasheet

GAPDH Antibody (orb1925837)

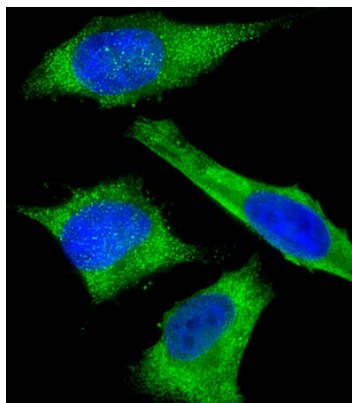
Description	Purified Mouse Monoclonal Antibody (Mab)
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	IF, IHC-P, WB
Target	This GAPDH antibody is generated from a mouse immunized with a recombinant protein between 43-335 amino acids from human GAPDH.
Storage	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,k
Clonality	Monoclonal
Clone Number	1653CT401.3.33
Antibody Type	Primary Antibody
MW	36053 Da
Uniprot ID	P04406
Dilution Range	IF: 1:25, WB: 1:8000, IHC-P: 1:25, IHC-P: 1:25
Expiration Date	12 months from date of receipt.

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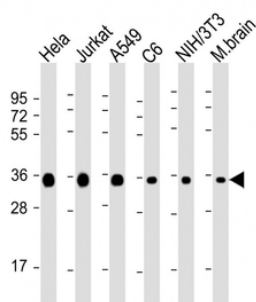
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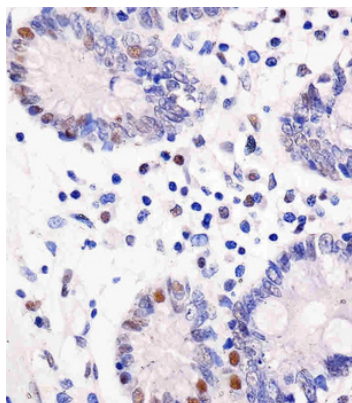
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Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling GAPDH at 1/25 dilution, followed by Dylight 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. The nuclear counter stain is DAPI (blue).



All lanes: Anti-GAPDH Antibody at 1:8000 dilution. Lane 1: HeLa whole cell lysate. Lane 2: Jurkat whole cell lysate. Lane 3: A549 whole cell lysate. Lane 4: C6 whole cell lysate. Lane 5: NIH/3T3 whole cell lysate. Lane 6: mouse brain lysate. 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.



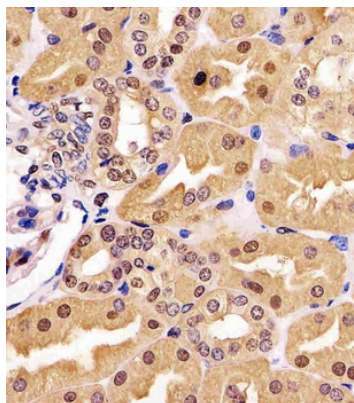
Staining GAPDH in human colon tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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Staining GAPDH in human kidney tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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