

Anti-Glyceraldehyde 3-Phosphate Dehydrogenase (GAPDH) Antibody

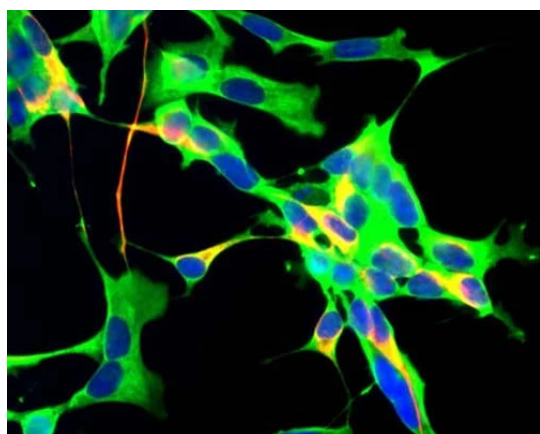


Product Details

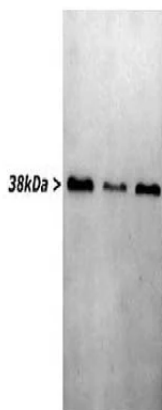
Available Variants	250 µg (SKU:M-1376-250)
Conjugate	Unconjugated
Isotype	IgM
Clone	1D4
Host Species	Mouse
Format	Purified
Physical State	Lyophilized
Buffer	Lyophilized from PBS buffer pH 7.2-7.6 with 0.1% trehalose, and sodium azide
Production Notes	Protein L purified
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Bovine, Chicken, Human, Mouse, Pig, Rat
Immunogen	Purified pig GAPDH
Specificity	The specificity of this antibody has been confirmed by WB. Human, rat, mouse, bovine, Porcine, Chicken.
Molecular Weight	36 kDa
Storage	Spin vial briefly before opening. Reconstitute with 250 µL sterile-filtered, ultrapure water to achieve a 1 mg/mL concentration. Centrifuge to remove any insoluble material. After reconstitution of lyophilized antibody, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles.

UniProt ID	<u>P00355</u>
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

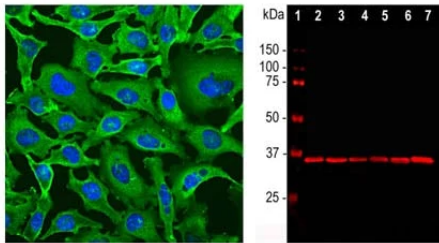
Product Images



Human neuroblastoma SH-SY5Y cells stained with Mouse monoclonal antibody to Glyceraldehyde 3-Phosphate Dehydrogenase [1D4] M-1376-250 (green), chicken antibody to neurofilament H C-1386-50 (red) and DNA (blue). The antibody reveals strong cytoplasmic staining for GAPDH.



Blots of mice peripheral nerves blotted with M-1376-250 for use as a western blotting control. Note the single sharp band corresponding to GAPDH.



Left: Staining of GAPDH in HeLa cells with mouse anti-GAPDH antibody (1:100, green) by **Immunocytochemistry**. Blue: DAPI nuclear stain. The GAPDH antibody produces strong cytoplasmic staining of healthy cells. **Right: Western blot** analysis of cell lysates probed with mouse antibody to GAPDH (1:2,000). [1] protein standard, [2] HEK293, [3] HeLa, [4] SH-SY5Y, [5] COS1, [6] NIH-3T3, and [7] C6. The GAPDH antibody reveals a single band at about 37 kDa in all cell lines. GAPDH is a "house keeping" protein, the level of which is relatively unaffected by most experimental manipulations, and, as a result, this antibody has been widely used as a western blotting loading control.

Product Page URL: www.antibodiesinc.com/products/anti-glyceraldehyde-3-phosphate-dehydrogenase-gapdh-antibody-m-1376-250



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