GAPDH Rabbit Monoclonal Antibody Pack Insert

Specifications (926-42216)

- Size: 100 µL
- Storage: -20 °C
- Species Cross-Reactivity: human, mouse, rat, monkey
- Target Molecular Weight: 37 kDa
- Isotype: Rabbit IgG
- Specificity/Sensitivity: Detects endogenous levels of total GAPDH protein. May cross-react with pig.
- Immunogen: A synthetic peptide that corresponds to residues near the carboxy terminus of human GAPDH
- Storage Buffer: 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg/mL BSA, 50% glycerol, and <0.02% sodium azide

  Note: *Do not aliquot the antibody.*

  Warning: *Sodium azide is a poisonous and hazardous substance. Handle with care and dispose of properly.*
- Tested Applications: Western blot, Immunohistochemistry, Immunofluorescence

Recommended Dilution

- Western Blotting: 1:1000

Applications

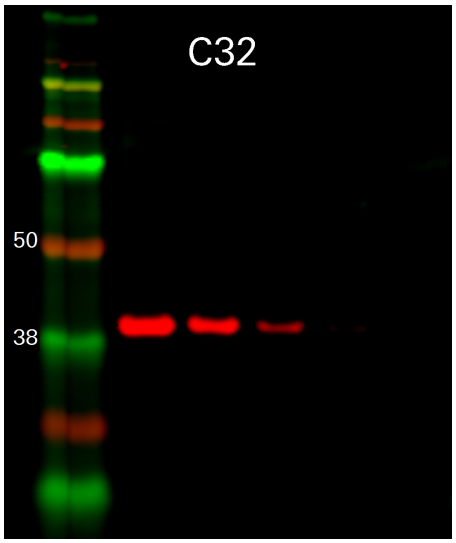
Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a constitutively expressed housekeeping protein (HKP). The GAPDH primary antibody can be used as an internal loading control for normalization.

The expression of GAPDH, or any HKP, should be validated to ensure that its expression does not change under experimental conditions.

Once validated, GAPDH primary antibodies can be used for the detection of GAPDH when performing multiplex Western blot detection.

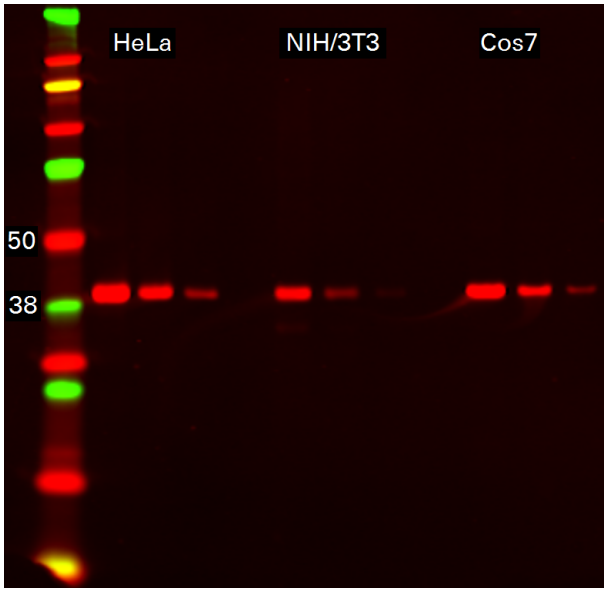
Detect GAPDH Rabbit Monoclonal Antibody with IRDye® Goat anti-Rabbit or IRDye Donkey anti-Rabbit secondary antibodies.

GAPDH Rabbit Monoclonal Antibody in C32 Lysates



GAPDH Rabbit Monoclonal Antibody was detected in C32 cells. C32 lysates were diluted from 2.5 µg to 156 ng. Lysates were separated on 4-12% Bis-Tris Gels electrophoresed at 200V for 45 minutes in MES Running Buffer and transferred to nitrocellulose membranes in Tris Glycine buffer at 100V for 65 minutes. Blots were blocked in Intercept (PBS) Blocking Buffer and probed with GAPDH Rabbit Monoclonal Antibody and detected on an Odyssey CLx Imager.

GAPDH Rabbit Monoclonal Antibody in HeLa, NIH/3T3, and Cos7 Lysates



GAPDH Rabbit Monoclonal Antibody detected in HeLa, NIH/3T3, and COS7 lysates. Lysates were diluted from 2.5 µg to 156 ng. Lysates were separated on 4-12% Bis-Tris Gels electrophoresed at 200V for 45 minutes in MES Running Buffer and transferred to nitrocellulose membranes in Tris Glycine buffer at 100V for 65 minutes. Blots were blocked in Intercept (PBS) Protein-Free Blocking Buffer and probed with GAPDH Rabbit Monoclonal Antibody and detected on an Odyssey CLx Imager.

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