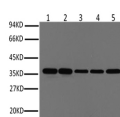


GAPDH Monoclonal Antibody

Catalog No.	E-AB-20032	Reactivity	H,M,R,Mk,C,Dg,Hm,Pg,R b,Sh,Insect,Yeast
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Mouse
Applications	WB,IHC-p,IF	Isotype	IgG

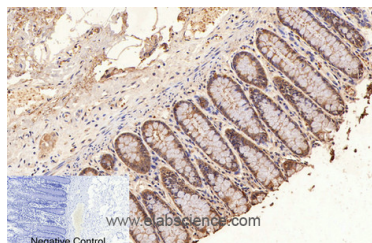
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images

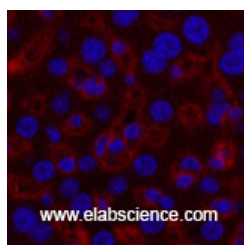


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Western Blot analysis of HeLa, Rat brain, Rabbit muscle, Sheep muscle, Mouse brain using GAPDH Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human colon tissue using GAPDH Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Mouse liver tissue using GAPDH Monoclonal Antibody at dilution of 1:200.

Immunogen Information

Immunogen	Synthetic Peptide
Swissprot	P04406
Synonyms	GAPDH,GAPD,CDABP0047,OK/SW-cl.12,Glyceraldehyde-3-phosphate dehydrogenase,GAPDH,Peptidyl-cysteine S-nitrosylase GAPDH

Product Information

Observed MW	37kDa
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Purify	Protein A purification
Clone No.	Clone:9S5
Dilution	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:100-1:300

Background

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) catalyzes the phosphorylation of glyceraldehyde-3-phosphate during glycolysis. GAPDH participates in nuclear events including transcription, binding RNA, RNA transportation, DNA replication, DNA repair and apoptosis. Being stably and constitutively expressed at high levels in most tissues and cells, GAPDH is considered a housekeeping protein. It was widely used as a control for RT-PCR and also loading control in electrophoresis and Western blotting. GAPDH is normally expressed in cellular cytoplasm or membrane, but can occasionally translocate to the nucleus post modification such as S-nitrosylation.

For Research Use Only

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.