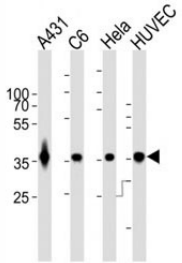
GAPDH Antibody [clone 1A10A10] (F40186)

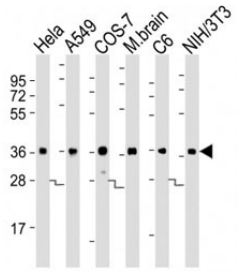
Catalog No.	Formulation	Size
F40186-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40186-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

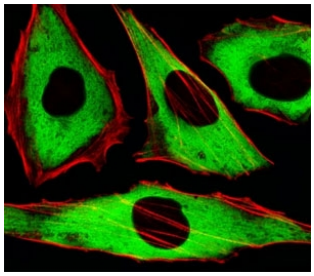
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	1A10A10
Purity	Purified
UniProt	P04406
Applications	Western Blot : 1:1000-8000 Immunofluorescence : 1:25 IHC (Paraffin) : 1:25
Limitations	This GAPDH antibody is available for research use only.



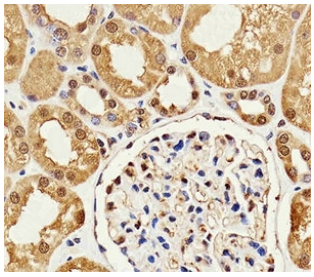
GAPDH antibody WB at 1:1000 dilution. Lane 1: A431 lysate; 2: rat C6; 3: HeLa; 4: HUVEC; Predicted band size : 36 kDa.



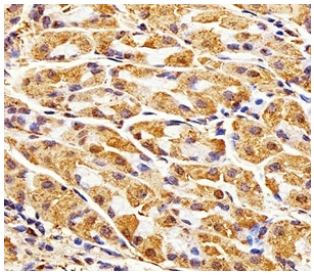
Western blot testing of GAPDH antibody at 1:8000 dilution. Lane 1: HeLa lysate; 2: A549; 3: COS-7; 4: mouse brain; 5: rat C6; 6: NIH3T3; Predicted band size : 36 kDa.



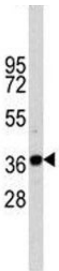
Fluorescent image of HeLa cells stained with XAF1 GAPDH antibody. Ab was diluted at 1:25 dilution; Alexa Fluor 488-conjugated secondary Ab (green); Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded humankidney section using GAPDH antibody. Ab was diluted at 1:25 dilution.



Immunohistochemical analysis of paraffin-embedded human stomach section using GAPDH antibody



Western blot analysis of anti-GAPDH antibody and CEM lysate

Description

The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome.

Application Notes

Titration of the GAPDH antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

recombinant protein was used to produce this monoclonal GAPDH antibody.

Storage

Aliquot the GAPDH antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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