



GAPDH (8A3) Mouse mAb

Catalog No	YP-nAb-1189
Isotype	IgG1
Reactivity	Human,Mouse,Rat,Hamster,Chicken,Dog,Monkey,Pig,Rabbit,Sheep,Insect,Yeast
Applications	WB,IHC-F,IHC-P,ICC/IF
Alternative Name	G3PD; GAPD; HEL-S-162eP; GAPDH
Antibody dilution ratio	WB-1:5000-1:10000; IHC-1:50-1:200; IF-1:100-1:200
SwissProt ID	P04406
Host Species	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Gene ID	2597
Gene Name	GAPDH
Clonality	Monoclonal Antibody
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 36 kDa
Immunogen	Synthetic Peptide of GAPDH
Research Field	Neuroscience
Background	Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.
Purification Method	Affinity Purified
Form	Liquid
Storage Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

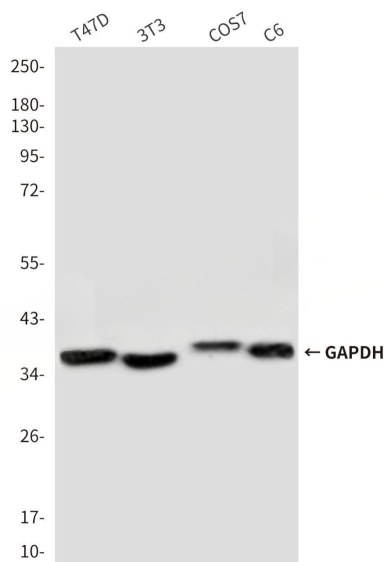




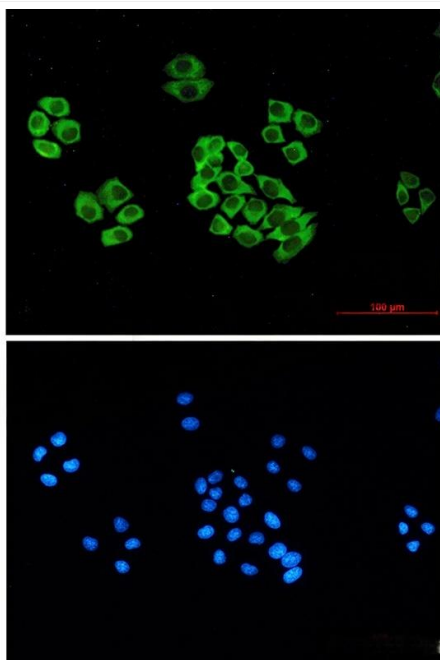
Storage Conditions

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Products Images

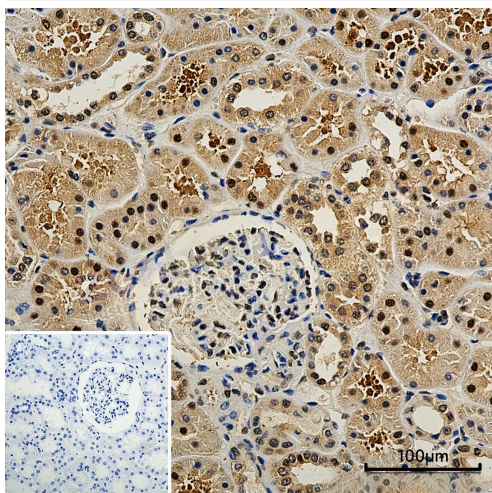


Western blot analysis of GAPDH in T47D, 3T3, COS7 and C6 lysates using GAPDH antibody.

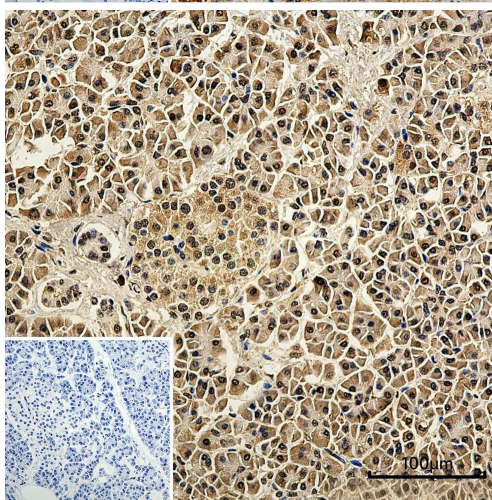


Immunofluorescence analysis of GAPDH (8A3) in Human tonsil tissue using GAPDH (8A3) antibody.





Immunohistochemistry of Paraffin-embedded Human kidney tissue sections using the antibody GAPDH (8A3) Mouse mAb (250133) at a dilution of 1/50. Heat-induced epitope retrieval was performed using Tris-EDTA buffer (pH 9.0).



Immunohistochemistry of Paraffin-embedded human pancreas tissue sections using the antibody GAPDH (8A3) Mouse mAb (250133) at a dilution of 1/50. Heat-induced epitope retrieval was performed using Tris-EDTA buffer (pH 9.0).

