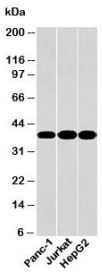
GAPDH Antibody Loading Control [clone GAP259] (N1074)

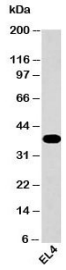
Catalog No.	Formulation	Size
N1074-100UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
N1074-25UG	0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	25 ug

Bulk quote request

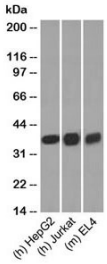
Species Reactivity	Human, Mouse, Rat, Primate, Dog
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	GAP259
Purity	Protein G Affinity Chromatography
Buffer	1X PBS, pH 7.4
Gene ID	2597
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 3-5ug/ml
Limitations	This **GAPDH antibody loading control** is available for research use only.



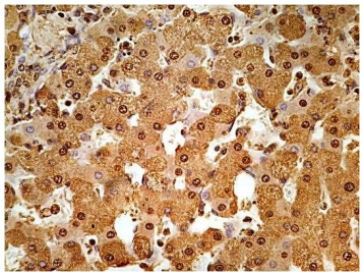
Western blot testing of human samples with GAPDH antibody at 0.5ug/ml.



Western blot testing of mouse samples with GAPDH antibody at 0.5ug/ml.



Western blot testing of human/mouse samples with GAPDH antibody at 0.5ug/ml.



IHC testing of FFPE human liver tissue with GAPDH antibody at 3ug/ml.

Description

Due to its ubiquitous presence in mammalian cells, GAPDH is often used a loading control protein in western blot. GAPDH antibody is used to control for/demonstrate equivalent protein loading in different gel lanes, typically transfected vs mock or non transfected cell lysate.

Application Notes

Provided assay concentrations are suggestions only, GAPDH antibody titration may be required for optimal results.

Immunogen

A recombinant protein fragment from C-terminal GAPDH was used as the immunogen for the GAPDH antibody.

Storage

Aliquot and store the loading control antibody frozen at -20oC or colder to avoid repeated freeze-thaw cycles.

Alternate Names

Glyceraldehyde 3 phosphate dehydrogenase, G3P, G3PD, G3PDH, GAPD