Elabscience®

GAPDH Monoclonal Antibody

catalog number: E-AB-48016

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

Description			
Reactivity	Human;Mouse;Rat ;Bovine;Caprine;Guinea pig;Rabbit;Porcine;		
Immunogen	Recombinant human GAPDH protein expressed by E.coli		
Host	Mouse		
Isotype	IgGl		
Clone	3B3		
Purification	Protein A/G Purification		
Conjugation	Unconjugated		
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4		
Applications	Recommended Dilution		
WB	1:5000-10000		

Data

kDa	1	2	3	4	5	6
70—						
44—	_				_	_
33—						
26—						
22—						
18—						



Western Blot analysis of GAPDH in various cell lines at dilution of 1:5000. Lane1: DU145 whole cell lysate, Lane2: OS-RC-2 whole cell lysate, Lane3:T-47D whole cell Lysates, Lane4: HEC-1B whole cell lysate, Lane5: HepG2 whole cell lysate, Lane6: HEK-293 whole cell lysate, Lysates/proteins

at 20g per lane. Observed-MW:36 kDa Calculated-MW:36 kDa



Western blot analysis of GAPDH in various tissues of different species at dilution of 1:5000. Lane1 : Rat heart, whole tissue lysate, Lane2: Porcine brain, whole tissue lysate, Lane3: Bovine kidney, whole tissue lysate, Lane4: Guinea pig liver, whole tissue lysate, Lane5: Rabbit pancreas, whole tissue ysate, Lane6: Caprine spleen, whole tissue lysate. Lysates/proteins at 20g per lane.

> Observed-MW:36 kDa Calculated-MW:36 kDa

Immunofluorescent analysis of 293F cells using anti-GAPDH monoclonal antibody at 1:400 dilution.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the
	temperature recommended.

For Research Use Only

Tel: 400-999-2100

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Background

GAPDH is an enzyme of 37kDa that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy and carbon molecules. Because the GAPDH gene is often stably and constitutively expressed at high levels in most tissues and cells, it is commonly used as a loading control for western blot and as a control for qPCR.