GAPDH Monoclonal Antibody

catalog number: **AN005280L**

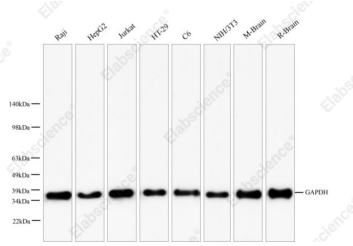
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human GAPDH protein expressed by E.coli
Host	Mouse
Isotype	Mouse IgM
Clone	7B8
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:200-1:400

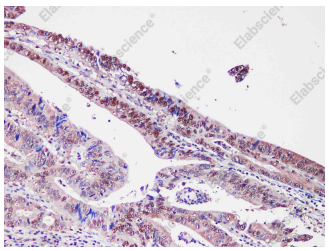
Data



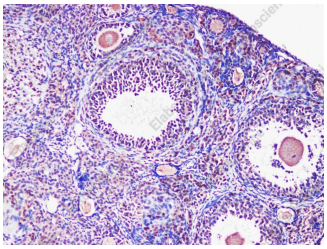
Western blot with Anti GAPDH Monoclonal Antibody at dilution of 1:1000. Lane 1:Raji cell lysate,Lane 2:HepG2 cell lysate, Lane 3:Jurkat cell lysate,Lane 4:HT-29 cell lysate,Lane 5:C6 cell lysate,Lane 6:NIH/3T3 cell lysate,Lane 7:Mouse Brain tissue lysate,Lane 8:Rat Brain tissue lysate.

Observed-MW:36 kDa

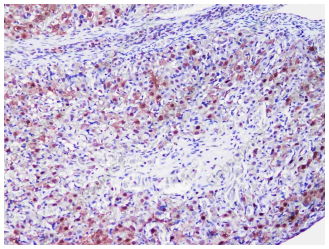
Calculated-MW:36 kDa



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



Immunohistochemistry of paraffin-embedded Mouse ovary using GAPDH Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Rat ovary using GAPDH Polyclonal Antibody at dilution of 1:200.

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.

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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.

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