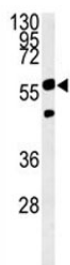


PHGDH Antibody (F48339)

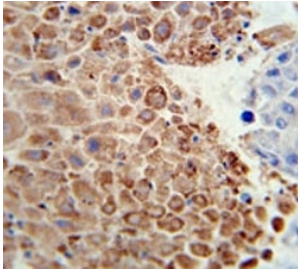
Catalog No.	Formulation	Size
F48339-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48339-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

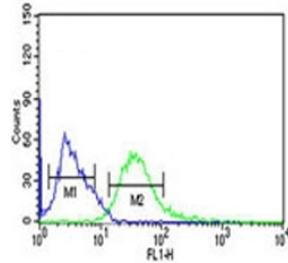
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Primate, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O43175
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This PHGDH antibody is available for research use only.



PHGDH antibody western blot analysis in Ramos lysate. Predicted molecular weight ~56 kDa.



PHGDH antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma.



PHGDH antibody flow cytometric analysis of Ramos cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

3-Phosphoglycerate dehydrogenase (PHGDH) catalyzes the transition of 3-phosphoglycerate into 3-phosphohydroxypyruvate, which is the first and rate-limiting step in the phosphorylated pathway of serine biosynthesis, using NAD⁺/NADH as a cofactor.

Application Notes

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

Immunogen

A portion of amino acids 249-277 from the human protein was used as the immunogen for this PHGDH antibody.

Storage

Aliquot the PHGDH antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.