

Anti-PHGDH Mouse Monoclonal Antibody [Clone ID: OTI5C4]

Catalog Number: M03355

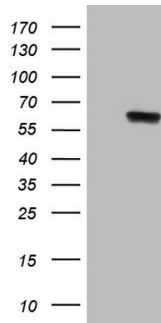
Overview

Product Name	Anti-PHGDH Mouse Monoclonal Antibody [Clone ID: OTI5C4]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PHGDH mouse monoclonal antibody, clone OTI5C4 (formerly 5C4). Catalog# M03355. Tested in IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal OTI5C4
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	O43175

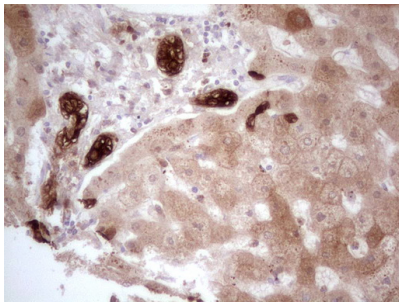
Technical Details

Immunogen	Full length human recombinant protein of human PHGDH (NP_006614) produced in HEK293T cell.
Isotype	IgG2a
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:2000 IHC 1:150

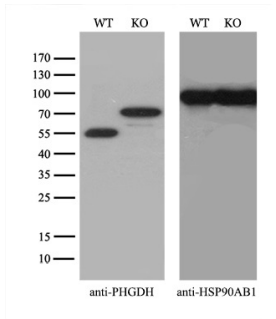
Anti-PHGDH Mouse Monoclonal Antibody [Clone ID: OTI5C4] (M03355) Images



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PHGDH (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PHGDH.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PHGDH mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris)



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT) and PHGDH-Knockout HeLa cells (KO) were separated by SDS-PAGE and immunoblotted with anti-PHGDH monoclonal antibody M03355

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