

Anti-ALDH4A1 Mouse Monoclonal Antibody [Clone ID: OTI1H10]

Catalog Number: M06812

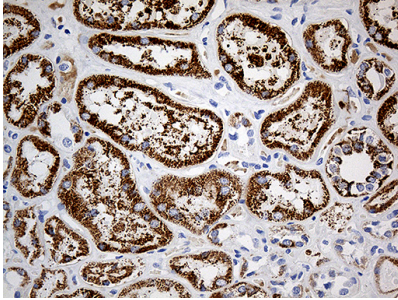
Overview

Product Name	Anti-ALDH4A1 Mouse Monoclonal Antibody [Clone ID: OTI1H10]
Reactive Species	Dog, Human, Mouse, Rat
Description	Boster Bio ALDH4A1 mouse monoclonal antibody, clone OTI1H10. Catalog# M06812. Tested in IHC, WB. This antibody reacts with Human, Mouse, Rat, Dog.
Conjugate	Unconjugated
Application	IHC, WB
Clonality	Monoclonal OTI1H10
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 for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P30038

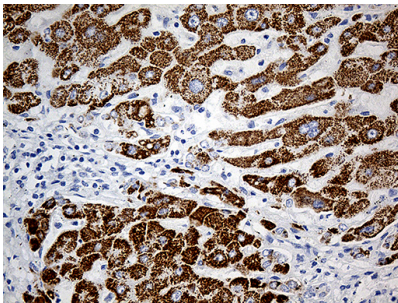
Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 1-503 of human ALDH4A1 (NP_001154976) produced in E.coli.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500 IHC 1:500

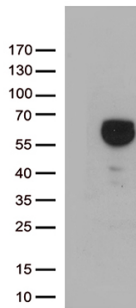
Anti-ALDH4A1 Mouse Monoclonal Antibody [Clone ID: OTI1H10] (M06812) Images



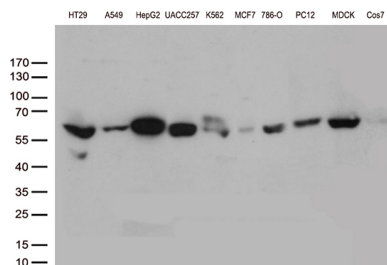
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ALDH4A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ALDH4A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALDH4A1 (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-ALDH4A1 (1:500).



Western blot analysis of extracts (35ug) from 10 different cell lines by using anti-ALDH4A1 monoclonal antibody (1:500).

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