

Anti-ALDH7A1 Mouse Monoclonal Antibody [Clone ID: OTI1A9]

Catalog Number: M03712

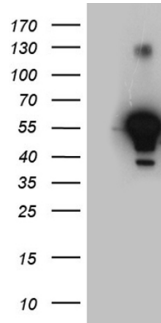
Overview

Product Name	Anti-ALDH7A1 Mouse Monoclonal Antibody [Clone ID: OTI1A9]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio ALDH7A1 mouse monoclonal antibody, clone OTI1A9. Catalog# M03712. Tested in IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal OTI1A9
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	P49419

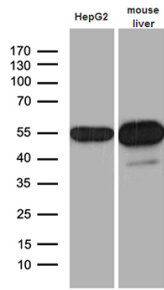
Technical Details

Immunogen	Full length human recombinant protein of human ALDH7A1 (NP_001173) produced in HEK293T cell.
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 1:500~2000 IHC 1:2000

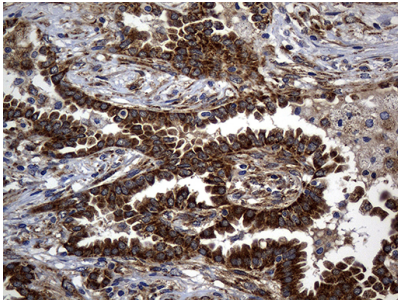
Anti-ALDH7A1 Mouse Monoclonal Antibody [Clone ID: OTI1A9] (M03712) Images



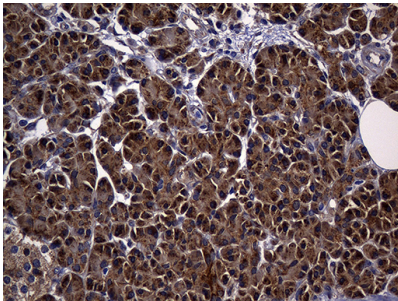
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALDH7A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALDH7A1 (1:2000).



Western blot analysis of extracts (35ug) from HepG2 cell line and mouse liver tissue lysate by using anti-ALDH7A1 monoclonal antibody (1:500).

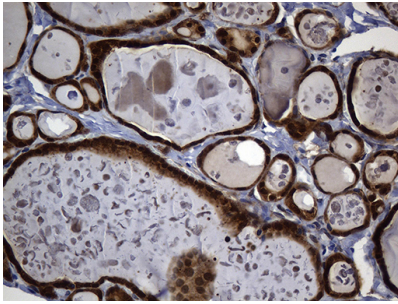


Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)

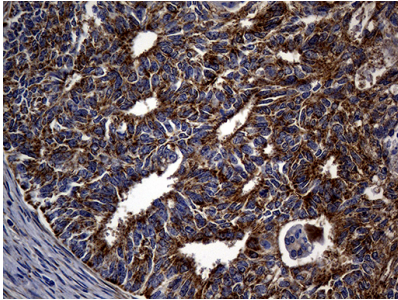


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)

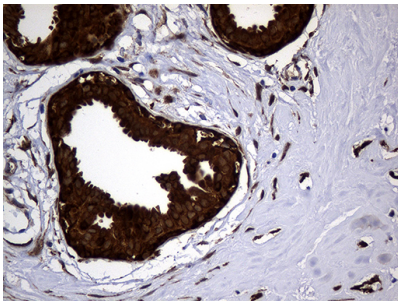
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min)



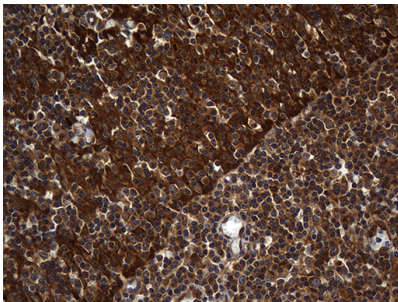
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)



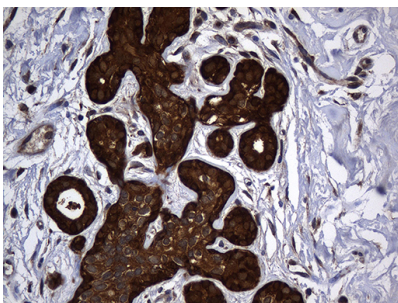
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)



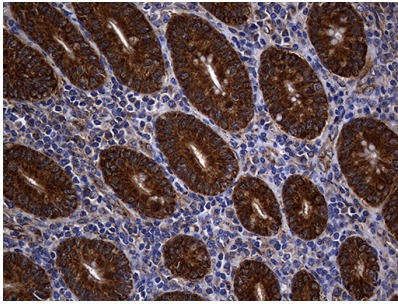
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)



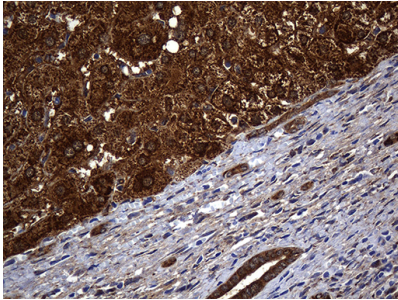
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue tissue using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)



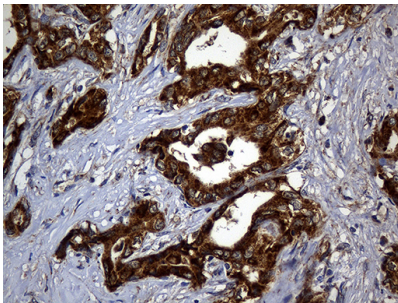
Immunohistochemical staining of paraffin-embedded Human appendix tissue within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval



by Tris-EDTA (1:2000)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-ALDH7A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120Å°C for 3min)

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