

Anti-Leukotriene A4 hydrolase (LTA4H) Mouse Monoclonal Antibody [Clone ID: OTI7D11]

Catalog Number: M02399

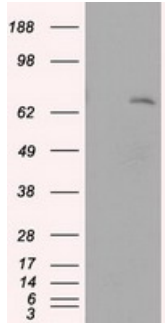
Overview

Product Name	Anti-Leukotriene A4 hydrolase (LTA4H) Mouse Monoclonal Antibody [Clone ID: OTI7D11]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio LTA4H (Leukotriene A4 hydrolase) mouse monoclonal antibody, clone OTI7D11 (formerly 7D11). Catalog# M02399. Tested in FC, IF, IHC, IP, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, WB
Clonality	Monoclonal OTI7D11
Formulation	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P09960

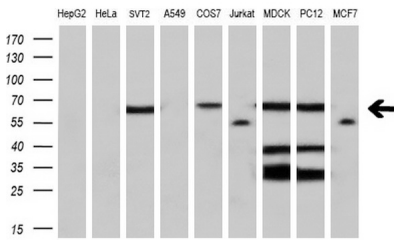
Technical Details

Immunogen	Full length human recombinant protein of human LTA4H (NP_000886) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.91 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

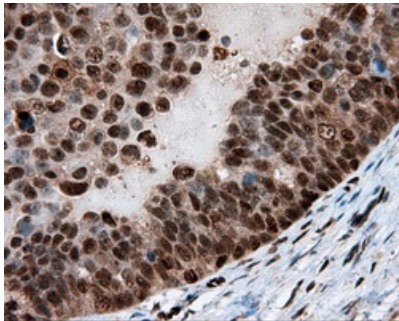
Anti-Leukotriene A4 hydrolase (LTA4H) Mouse Monoclonal Antibody [Clone ID: OTI7D11] (M02399) Images



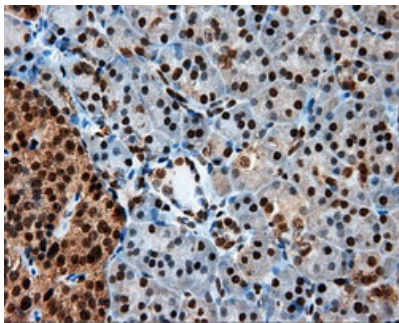
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LTA4H (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LTA4H.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-LTA4H monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).

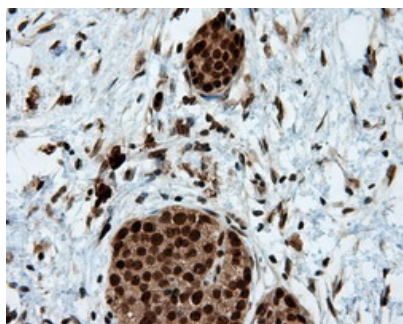


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

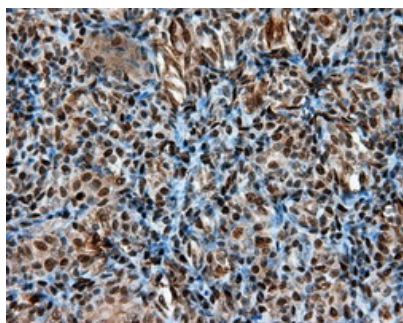


Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

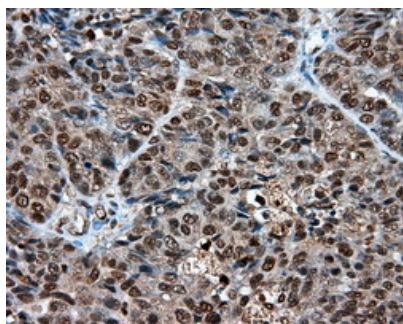
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



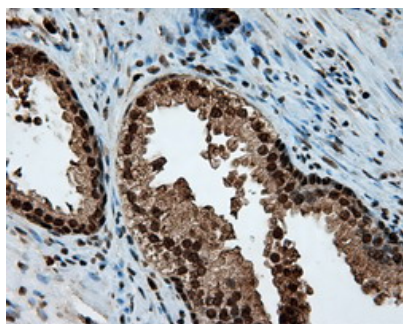
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



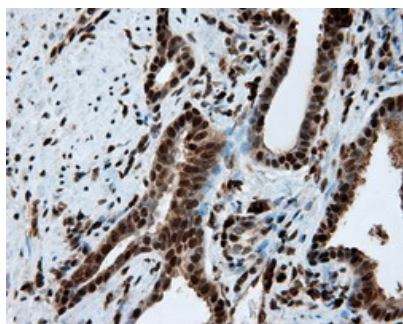
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

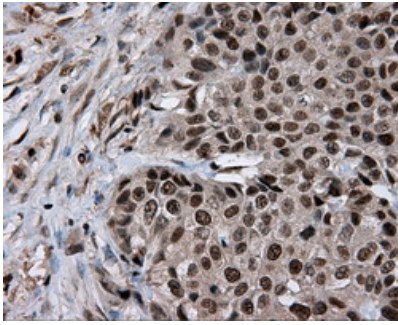


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

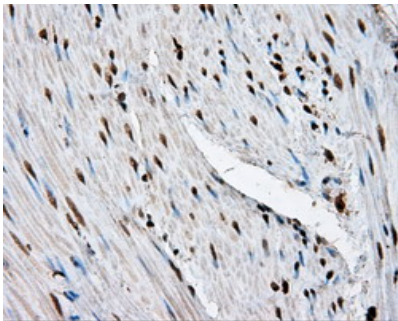


Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

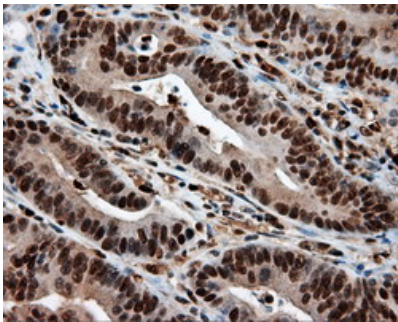




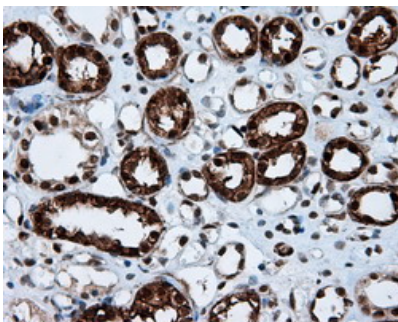
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



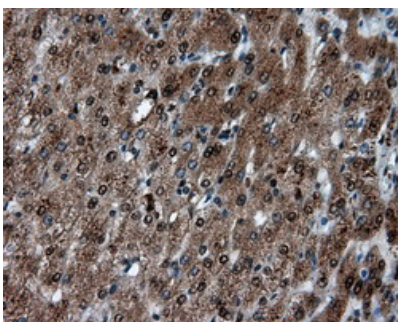
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



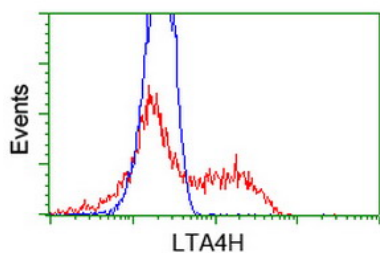
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



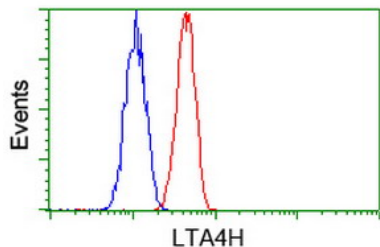
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



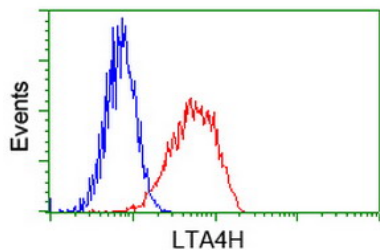
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-LTA4H mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



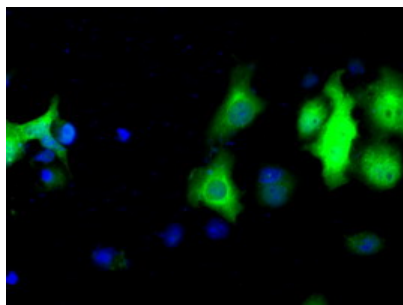
HEK293T cells transfected with either LTA4H (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-LTA4H antibody (M02399)



Flow cytometric Analysis of HeLa cells



Flow cytometric Analysis of Jurkat cells



Anti-LTA4H mouse monoclonal antibody (M02399) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY LTA4H.

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