

Anti-ACAT2 Mouse Monoclonal Antibody [Clone ID: OTI1B7]

Catalog Number: M03245

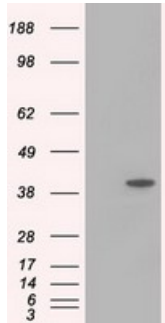
Overview

Product Name	Anti-ACAT2 Mouse Monoclonal Antibody [Clone ID: OTI1B7]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio ACAT2 mouse monoclonal antibody, clone OTI1B7 (formerly 1B7). Catalog# M03245. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1B7
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	Q9BWD1

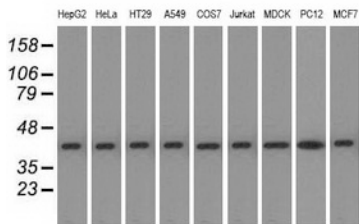
Technical Details

Immunogen	Full length human recombinant protein of human ACAT2 (NP_0058826) produced in HEK293T cell.
Isotype	IgG2b
Concentration	0.57 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:1000~2000 IHC 1:50 IF 1:100 Flow Cytometry 1:100

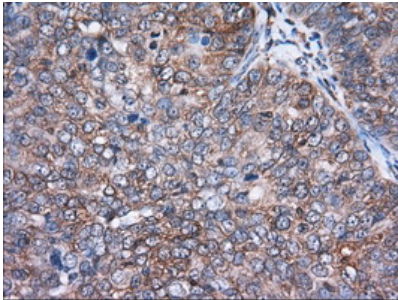
Anti-ACAT2 Mouse Monoclonal Antibody [Clone ID: OTI1B7] (M03245) Images



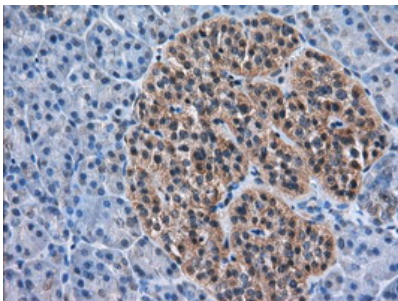
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACAT2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ACAT2.



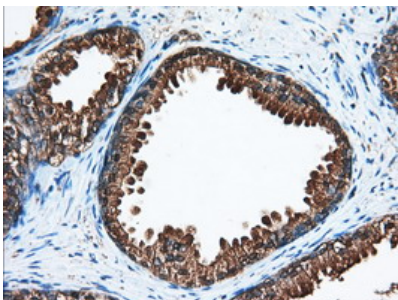
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ACAT2 monoclonal antibody.



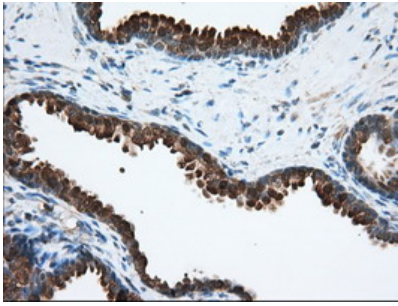
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



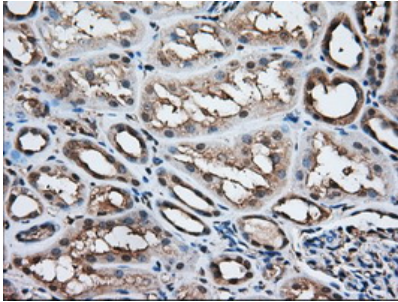
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



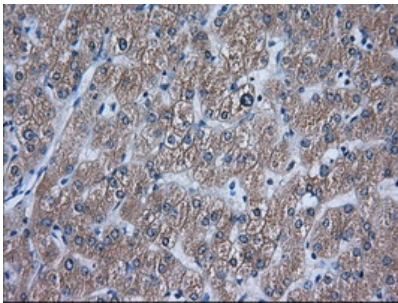
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



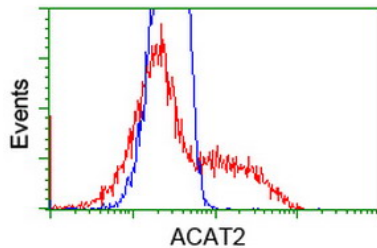
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



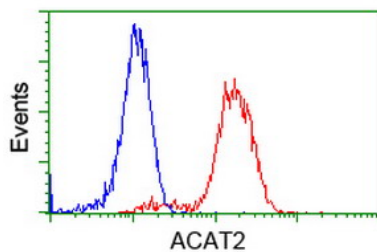
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ACAT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

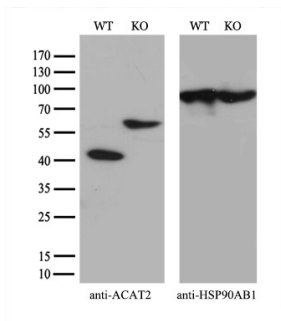
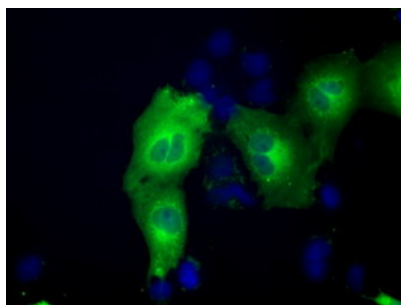


HEK293T cells transfected with either ACAT2 (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-ACAT2 antibody (M03245)



Flow cytometric Analysis of Jurkat cells

Anti-ACAT2 mouse monoclonal antibody (M03245) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ACAT2.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT) and ACAT2-Knockout HeLa cells (KO) were separated by SDS-PAGE and immunoblotted with anti-ACAT2 monoclonal antibody M03245 (1:1000). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.

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