

Anti-Aconitase 2 (ACO2) Mouse Monoclonal Antibody [Clone ID: OTI3G8]

Catalog Number: M03096

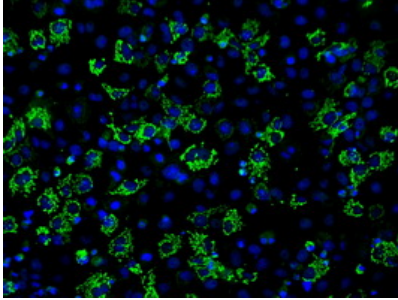
Overview

Product Name	Anti-Aconitase 2 (ACO2) Mouse Monoclonal Antibody [Clone ID: OTI3G8]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ACO2 (Aconitase 2) mouse monoclonal antibody, clone OTI3G8 (formerly 3G8). Catalog# M03096. Tested in IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Conjugate	Unconjugated
Application	IF, IHC, WB
Clonality	Monoclonal OTI3G8
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	Q99798

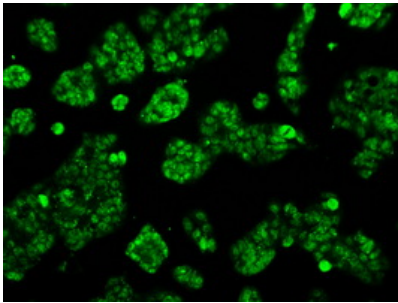
Technical Details

Immunogen	Full length human recombinant protein of human ACO2 (NP_001089) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.9 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:2000 IHC: 1:50 IF: 1:100

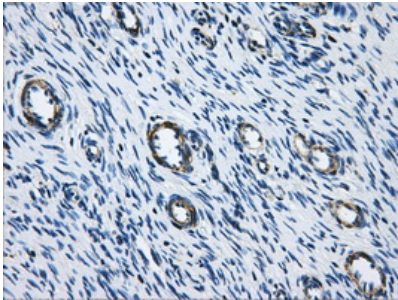
Anti-Aconitase 2 (ACO2) Mouse Monoclonal Antibody [Clone ID: OTI3G8] (M03096) Images



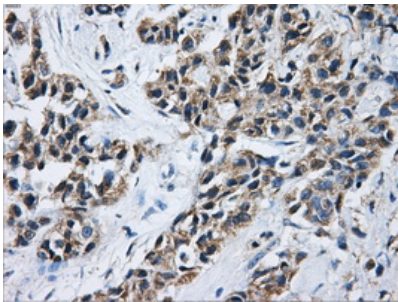
Anti-ACO2 mouse monoclonal antibody (M03096) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ACO2.



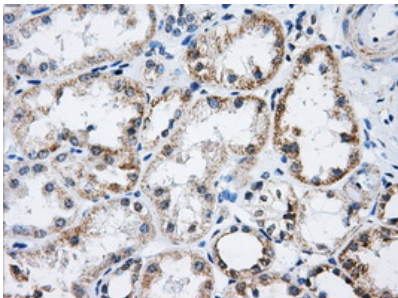
Immunofluorescent staining of HepG2 cells using anti-ACO2 mouse monoclonal antibody (M03096).



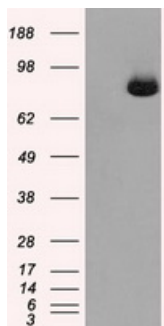
Immunohistochemical staining of paraffin-embedded Ovary tissue within the normal limits using anti-ACO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



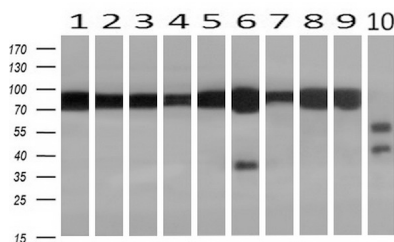
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-ACO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-ACO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ACO2 (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-ACO2.



Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-ACO2 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).

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