

## Anti-Cystathionase (CTH) Mouse Monoclonal Antibody [Clone ID: OTI1E12]

Catalog Number: M01803

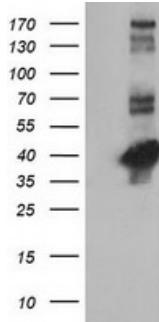
### Overview

Product Name	Anti-Cystathionase (CTH) Mouse Monoclonal Antibody [Clone ID: OTI1E12]
Reactive Species	Dog, Human, Monkey, Mouse
Description	Boster Bio CTH (Cystathionase) mouse monoclonal antibody, clone OTI1E12 (formerly 1E12). Catalog# M01803. Tested in IHC, WB. This antibody reacts with Human, Monkey, Mouse, Dog.
Application	IHC, WB
Clonality	Monoclonal OTI1E12
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	P32929

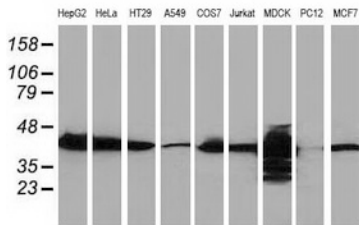
### Technical Details

Immunogen	Full length human recombinant protein of human CTH (NP_001893) produced in HEK293T cell.
Isotype	IgG2b
Concentration	0.32 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:

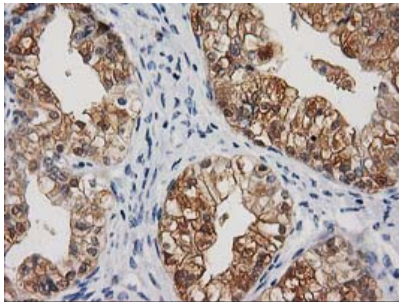
## Anti-Cystathionase (CTH) Mouse Monoclonal Antibody [Clone ID: OTI1E12] (M01803) Images



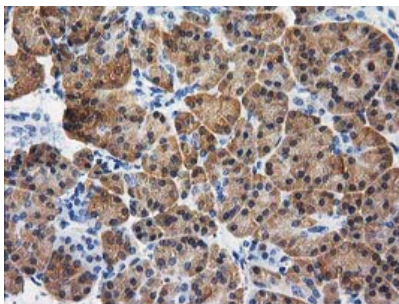
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CTH (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CTH.



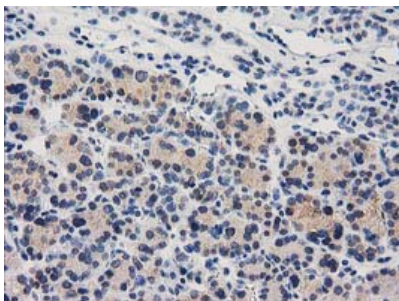
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CTH monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



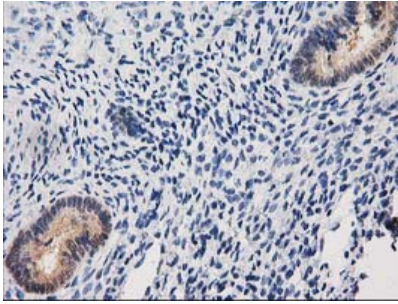
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



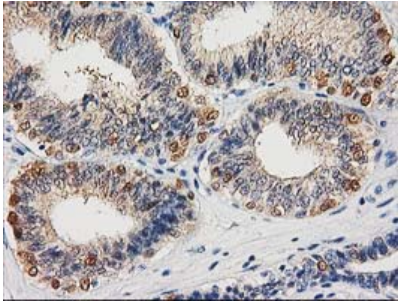
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



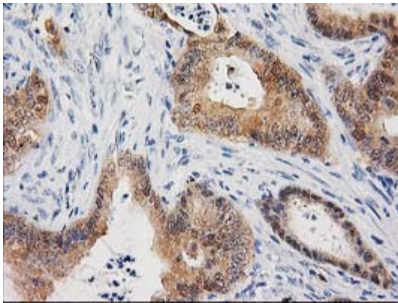
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



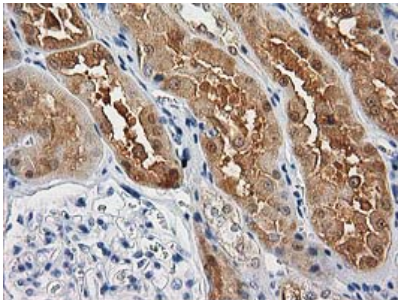
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



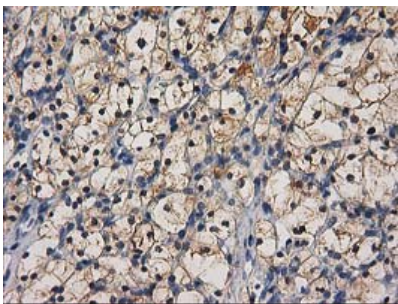
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



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

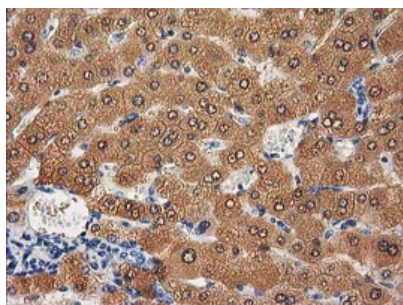


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CTH mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-CTH 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-CTH mouse



monoclonal antibody. (Heat-induced epitope retrieval by  
10mM citric buffer

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Anti-Cystathionase (CTH) Mouse Monoclonal Antibody [Clone ID: OT11E12]