

# Product Datasheet

## Cystathionase Antibody (OT1E12) NBP2-03638

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-03638****Cystathionase Antibody (OTI1E12)**

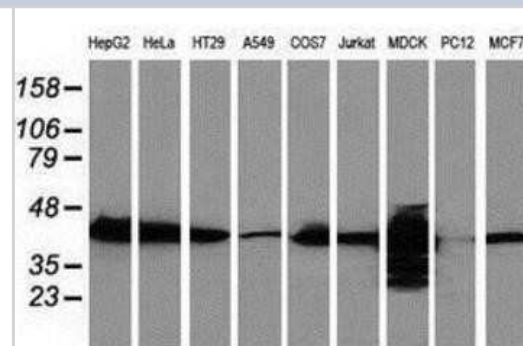
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1E12
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	44.3 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Cystathionase Antibody (OTI1E12) (NBP2-03638) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1491
<b>Gene Symbol</b>	CTH
<b>Species</b>	Human, Mouse, Canine, Primate, Monkey
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human CTH (NP_001893) produced in HEK293T cell.

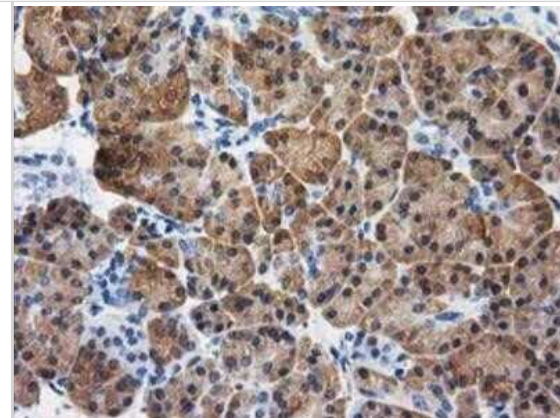
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150

**Images**

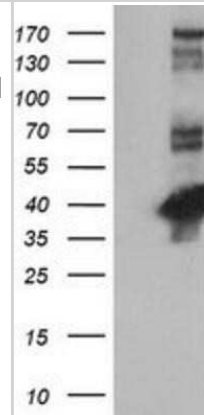
Western Blot: Cystathionase Antibody (OTI1E12) [NBP2-03638] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Cystathionase monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



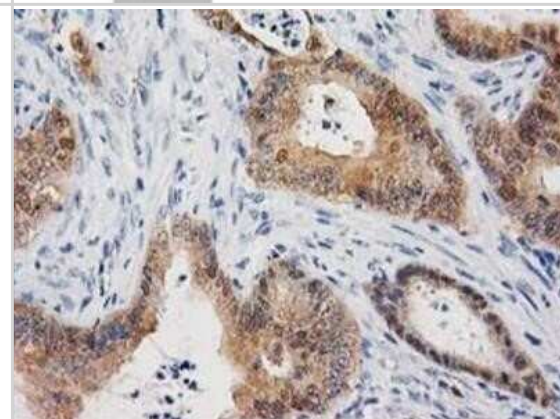
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Human pancreas tissue using anti-Cystathionase mouse monoclonal antibody.



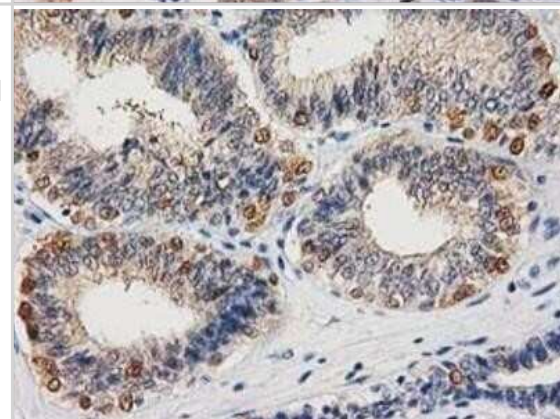
Western Blot: Cystathionase Antibody (OT11E12) [NBP2-03638] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Cystathionase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Cystathionase.



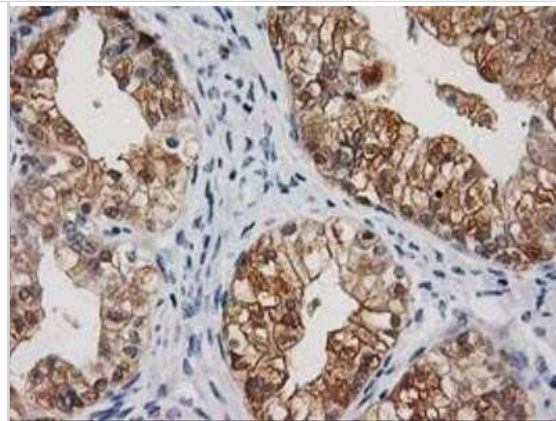
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-Cystathionase mouse monoclonal antibody.



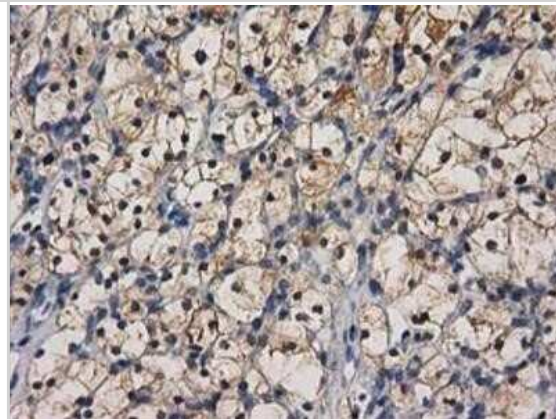
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Cystathionase mouse monoclonal antibody.



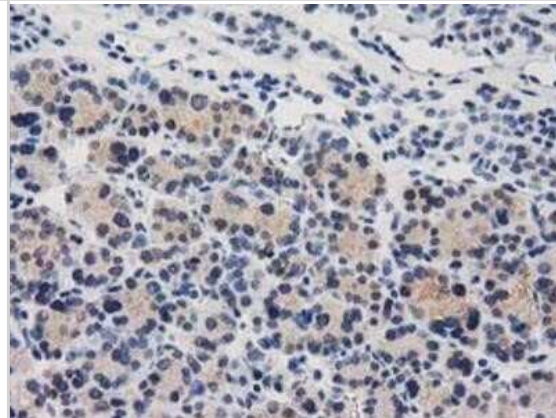
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Cystathionase mouse monoclonal antibody.



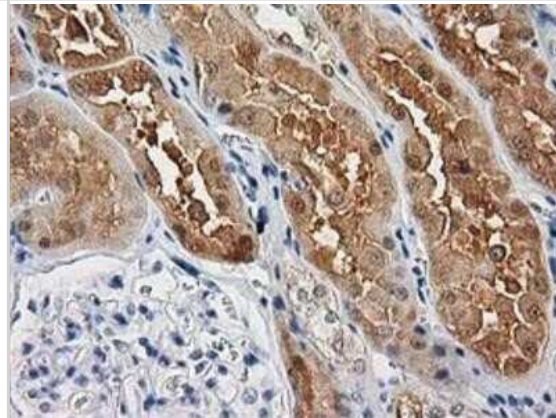
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-Cystathionase mouse monoclonal antibody.



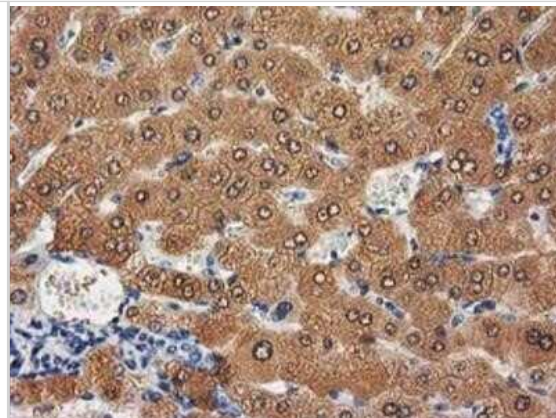
Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Cystathionase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Human Kidney tissue using anti-Cystathionase mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Cystathionase Antibody (OT11E12) [NBP2-03638] - Staining of paraffin-embedded Human liver tissue using anti-Cystathionase mouse monoclonal antibody.



Cystathionase Antibody (OT11E12)[NBP2-03638]Simple Western analysis of endogenous protein IRAK2 from HepG2 lysates (0.2 mg/mL) using IRAK2 Mouse Monoclonal Antibody . The virtual lane view (left) shows the target (as indicated) at 1:50 dilution of primary antibody. The corresponding electropherogram view (right) plots chemiluminescence by molecular weight along the capillary at a 1:50 dilution of primary antibody. This experiment was performed under reducing conditions on the Jess Simple Western instrument from ProteinSimple, a Bio-Techne brand, using the 12-230 kDa Separation Module.





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### **Products Related to NBP2-03638**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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