

# Product Datasheet

## 5'-Nucleotidase/CD73 Antibody (OTI1G2) NBP2-46259

Unit Size: 0.1 ml

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

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**NBP2-46259****5'-Nucleotidase/CD73 Antibody (OTI1G2)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1G2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	63.2 kDa

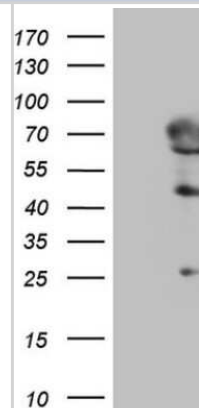
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse 5'-Nucleotidase/CD73 Antibody (OTI1G2) (NBP2-46259) is a monoclonal antibody validated for use in IHC and WB. Anti-5'-Nucleotidase/CD73 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4907
<b>Gene Symbol</b>	NT5E
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Use in Mouse reported in scientific literature (PMID:32243809). 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>	Human recombinant protein fragment corresponding to amino acids 119-232 of human NT5E (NP_002517) produced in E.coli.

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

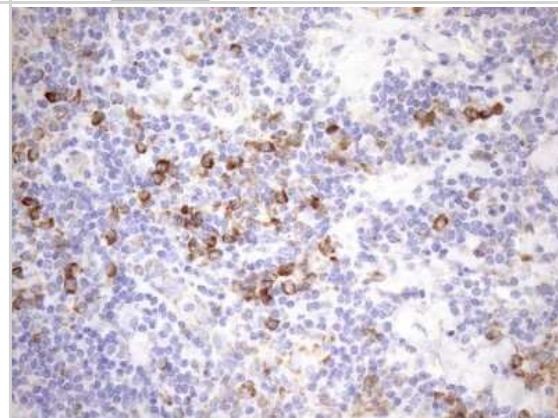


## Images

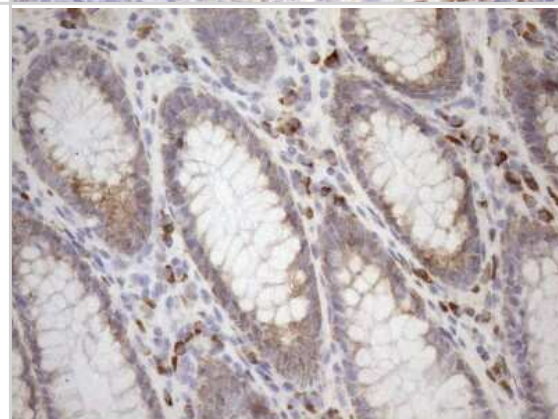
Western Blot: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY 5'-Nucleotidase/CD73.



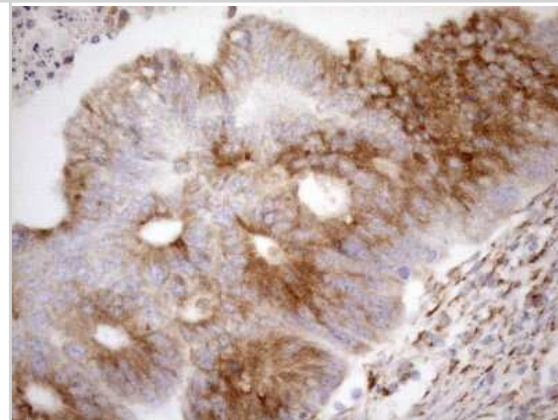
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



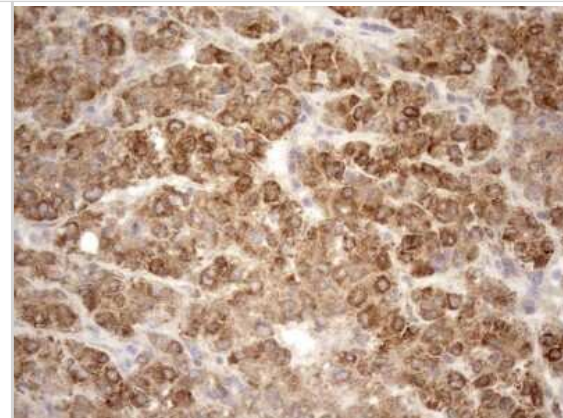
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human colon tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



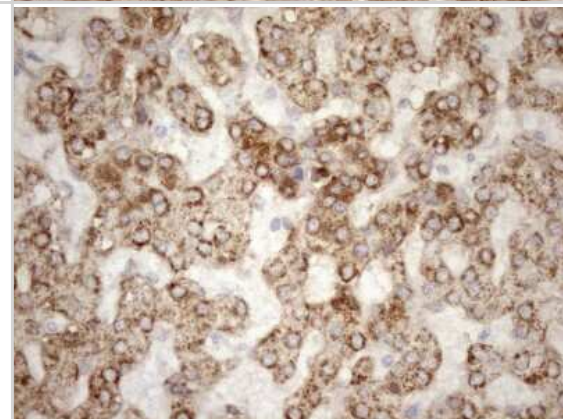
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



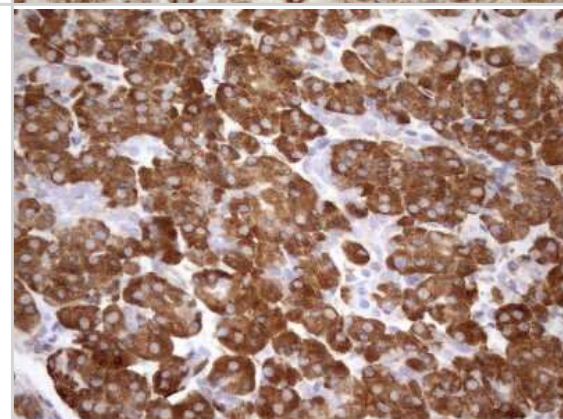
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



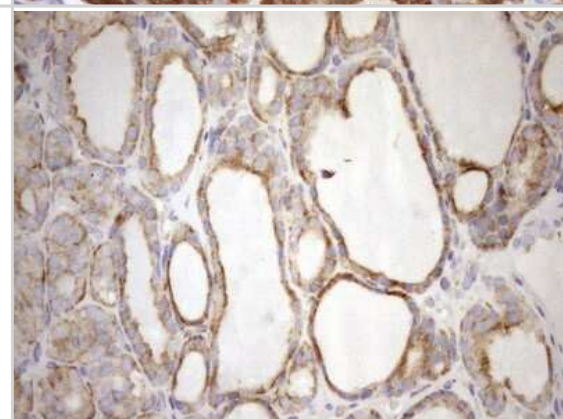
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)

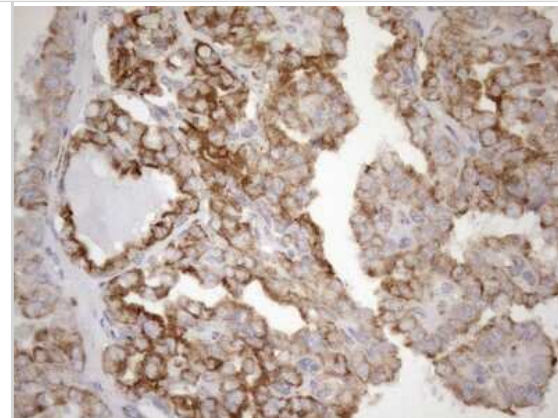


Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human thyroid tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)

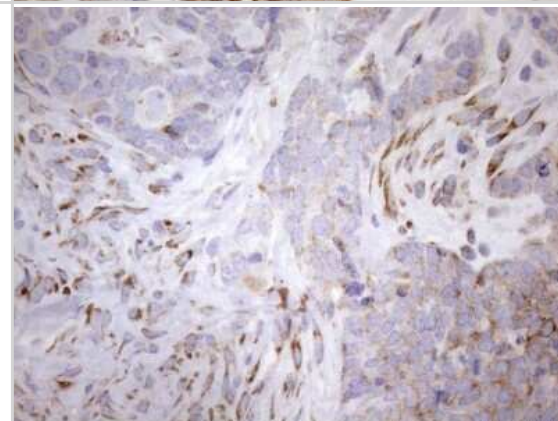




Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Adenocarcinoma of Human endometrium tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



## Publications

Chen PY, Qin L, Li G et al. Smooth Muscle Cell Reprogramming in Aortic Aneurysms Cell Stem Cell 2020-04-02 [PMID: 32243809] (Mouse)



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### **Products Related to NBP2-46259**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-51548-0.05mg	Recombinant Human 5'-Nucleotidase/CD73 His Protein

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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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