

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 (OT11G2)**

| Product Information | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OT11G2 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Immunogen affinity purified |
| Buffer | PBS (pH 7.3), 1.0% BSA and 50% Glycerol |
| Target Molecular Weight | 63.2 kDa |

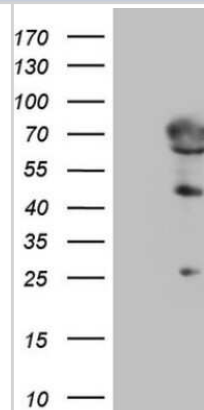
| Product Description | |
|----------------------------|---|
| Description | Novus Biologicals Mouse 5'-Nucleotidase/CD73 Antibody (OT11G2) (NBP2-46259) is a monoclonal antibody validated for use in IHC and WB. Anti-5'-Nucleotidase/CD73 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 4907 |
| Gene Symbol | NT5E |
| Species | Human, Mouse, Rat |
| Reactivity Notes | 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. |
| Immunogen | Human recombinant protein fragment corresponding to amino acids 119-232 of human NT5E (NP_002517) produced in E.coli. |

| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin |

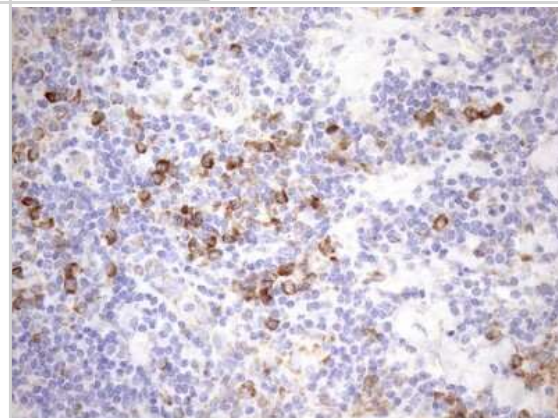


Images

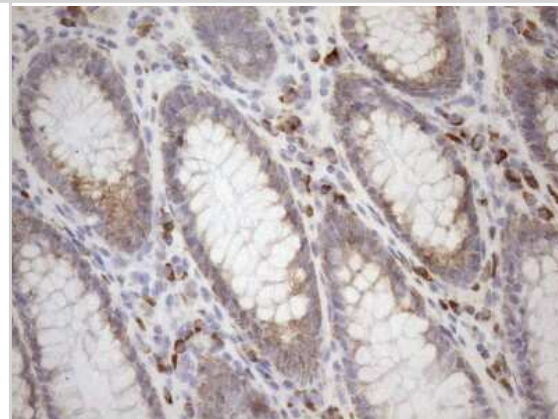
Western Blot: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY 5'-Nucleotidase/CD73.



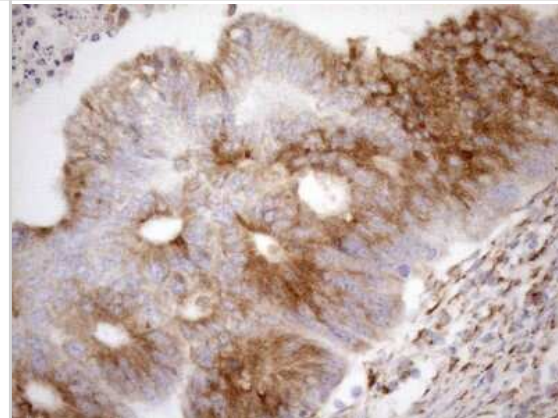
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



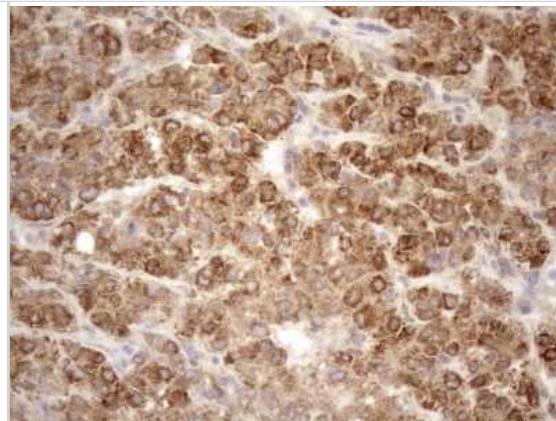
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human colon tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



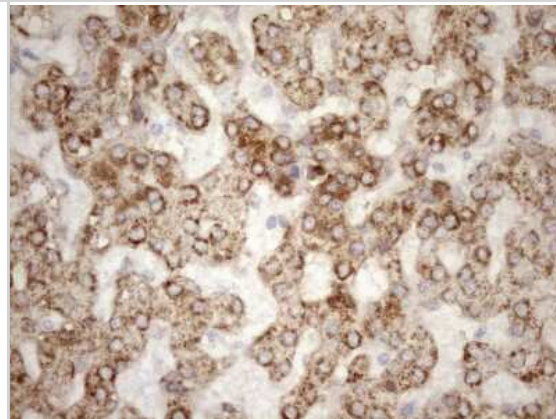
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



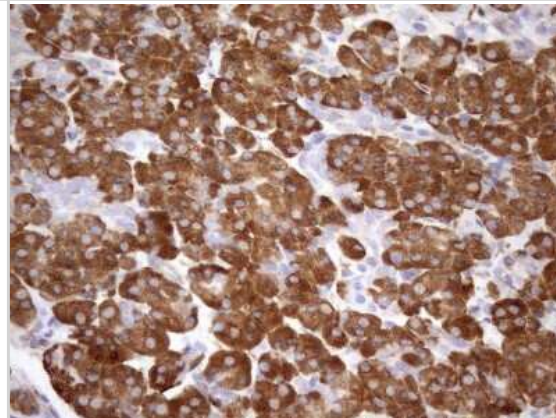
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human liver tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



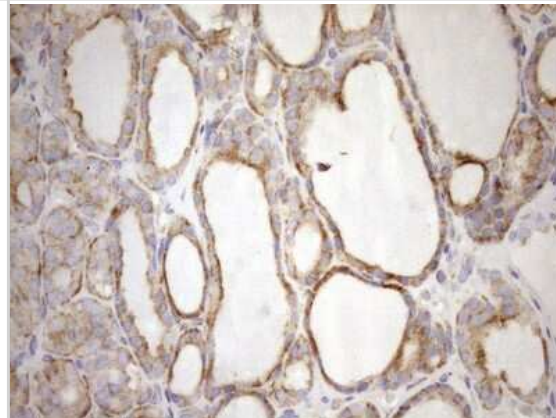
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



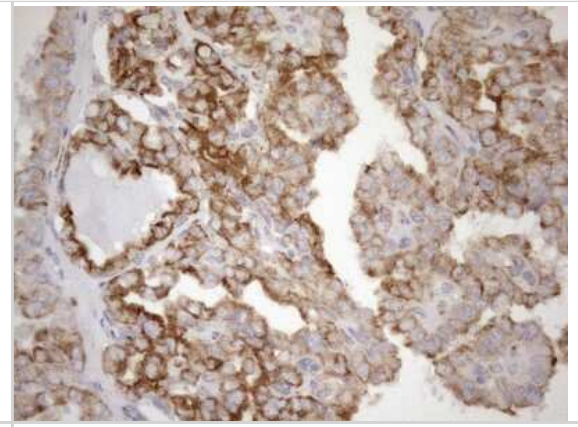
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



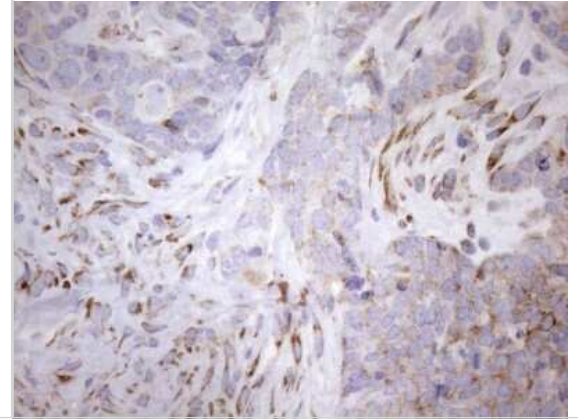
Immunohistochemistry: 5'-Nucleotidase/CD73 Antibody (1G2) [NBP2-46259] - Analysis of Human thyroid tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



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

| | |
|------------------|--|
| 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] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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