

Product Datasheet

5'-Nucleotidase/CD73 Antibody (45M4F9) - BSA Free NBP2-25237

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

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NBP2-25237

5'-Nucleotidase/CD73 Antibody (45M4F9) - BSA Free

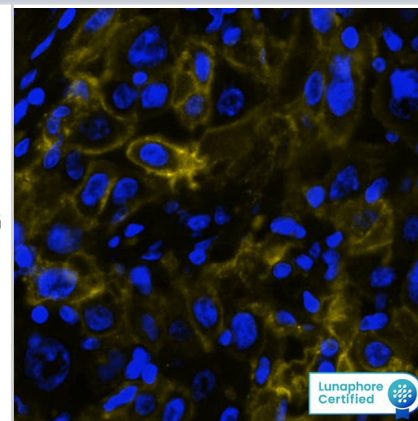
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	45M4F9
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse 5'-Nucleotidase/CD73 Antibody (45M4F9) - BSA Free (NBP2-25237) is a monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC and WB. Anti-5'-Nucleotidase/CD73 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4907
Gene Symbol	NT5E
Species	Human
Specificity/Sensitivity	This product can detect Isoform 1 and Isoform of Human CD73.
Immunogen	A portion of amino acids 169-324 of human CD73 were used as the immunogen for the antibody.

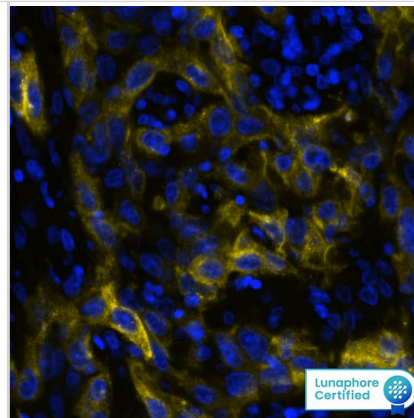
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 2-5 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml, Multiplex Immunofluorescence 1:200

Images

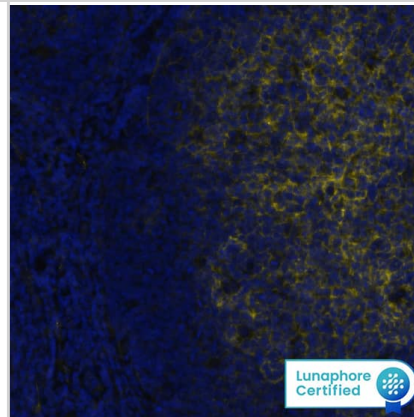
CD73 was detected in immersion fixed paraffin-embedded sections of human lung cancer using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9). Tissue was stained using the Alexa Fluor™ 647 Goat anti-Mouse IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647MS](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the cell membrane. Protocol available in [COMET™ Panel Builder](#).



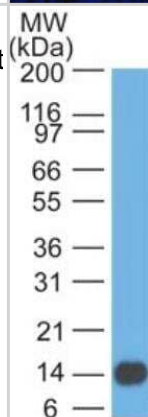
CD73 was detected in immersion fixed paraffin-embedded sections of human cervical cancer using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9). Tissue was stained using the Alexa Fluor™ 647 Goat anti-Mouse IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647MS](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the cell membrane. Protocol available in [COMET™ Panel Builder](#).



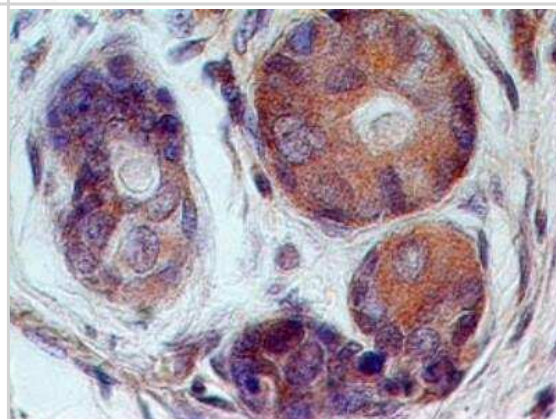
CD73 was detected in immersion fixed paraffin-embedded sections of human tonsil using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9). Tissue was stained using the Alexa Fluor™ 647 Goat anti-Mouse IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647MS](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the cell membrane. Protocol available in [COMET™ Panel Builder](#).



Western Blot: 5'-Nucleotidase/CD73 Antibody (45M4F9) [NBP2-25237] - Analysis of CD73 in a partial recombinant protein using CD73 antibody at 1 ug/ml. Goat anti-mouse IgG HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: 5'-Nucleotidase/CD73 Antibody (45M4F9) [NBP2-25237] - Formalin-fixed, paraffin-embedded human breast stained with CD73 antibody (20 ug/ml), peroxidase-conjugate and DAB chromogen.



Publications

Heyman E, Meeremans M, Van Poucke M et al. Validation of multiparametric panels for bovine mesenchymal stromal cell phenotyping Cytometry. Part A : the journal of the International Society for Analytical Cytology 2023-05-12 [PMID: 37173856]

Kaniewska-Bednarczuk E, Kutryb-Zajac B, Sarathchandra P et al. CD39 and CD73 in the aortic valve-biochemical and immunohistochemical analysis in valve cell populations and its changes in valve mineralization Cardiovasc Pathol. [PMID: 30056298] (IF/IHC, Human)





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Products Related to NBP2-25237

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]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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