

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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NBP2-25237

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

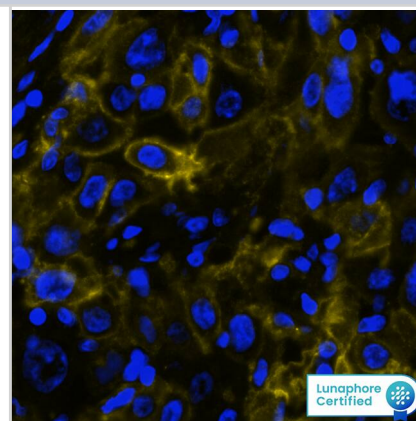
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	45M4F9
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
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.

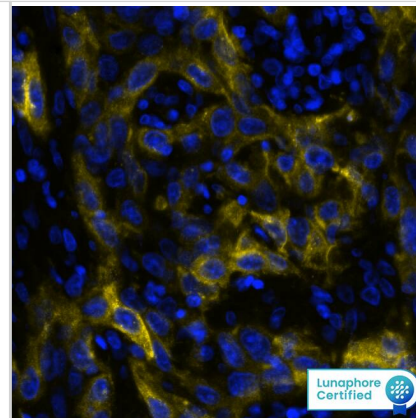
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 2-5 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml, Multiplex Immunofluorescence 1:200

Images

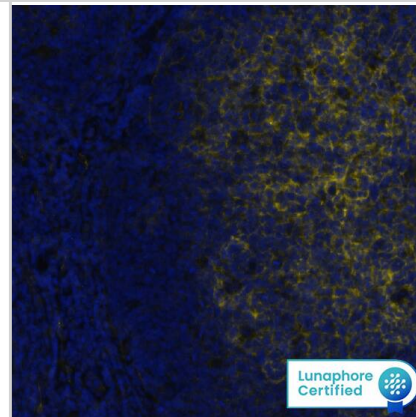
CD73 was detected in immersion fixed paraffin-embedded sections of human lung cancer using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval 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](#).



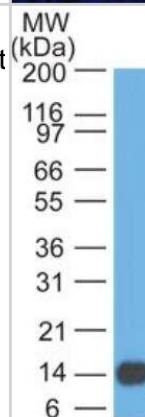
CD73 was detected in immersion fixed paraffin-embedded sections of human cervical cancer using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen 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](#).



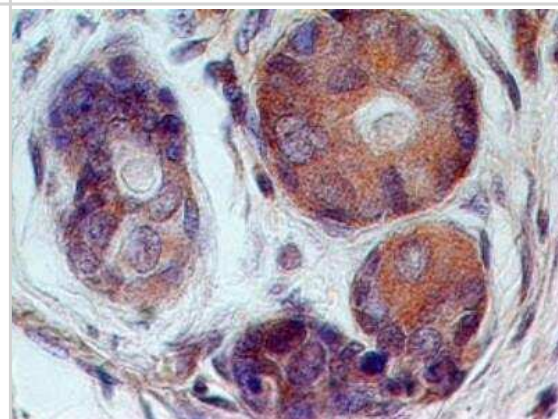
CD73 was detected in immersion fixed paraffin-embedded sections of human tonsil using Mouse Anti-Human CD73 Monoclonal Antibody (Novus Catalog # NBP2-25237) at 1:200 at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval 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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-25243B	5'-Nucleotidase/CD73 Antibody (45M4F9) [Biotin]

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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