abcam

Product datasheet

Anti-CD73 antibody [NT5E/2545] ab257311

9 图像

概述

产品名称	Anti-CD73抗体[NT5E/2545]
描述	小鼠单克隆抗体[NT5E/2545] to CD73
宿主	Mouse
经测试应用	**适用于:** WB, Flow Cyt, ICC/IF, IHC-P, Protein Array
种属反应性	**与反应:** Human
免疫原	Recombinant full length protein corresponding to Human CD73. Database link: **P21589**
阳性对照	IHC-P: Human tonsil, prostate carcinoma, pancreatic carcinoma and colon carcinoma tissue. Flow Cyt: U-87 MG cells. ICC/IF: U-87 MG cells. WB: A431 and PC3 cell lysate.
常规说明	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
纯度	Protein A/G purified
纯化说明	Purified from bioreactor concentrate.
克隆	单克隆
克隆编号	NT5E/2545
同种型	IgG1

轻链类型	kappa

应用

The Abpromise guarantee   **Abpromise™**承诺保证使用ab257311于以下的经测试应用
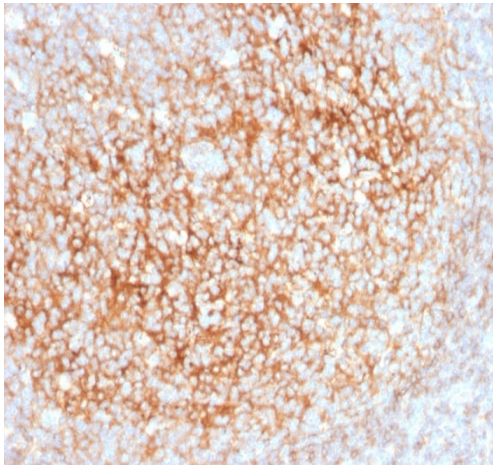
"应用说明"部分 下显示的仅为**推荐的起始稀释度**;实际**最佳**的稀释度/浓度应**由使用者**检定。

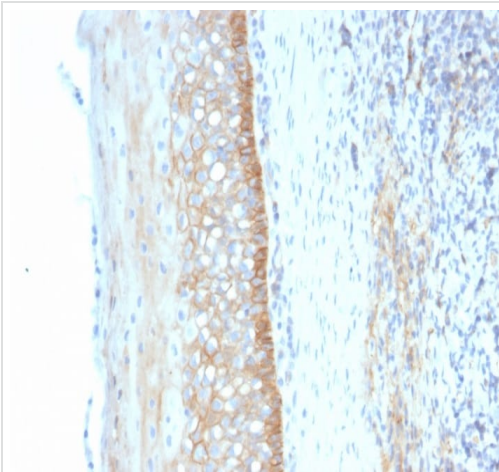| 应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 71 kDa (predicted molecular weight: 63 kDa).
Flow Cyt		Use 1-2µg for 10^6 cells.
ICC/IF		Use a concentration of 1 - 2 µg/ml.
IHC-P		Use a concentration of 1 - 2 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
Protein Array		Use at an assay dependent concentration.

靶标

功能	Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.
疾病相关	Defects in NT5E are the cause of calcification of joints and arteries (CAJA) [MIM:211800]. A condition characterized by adult-onset calcification of the lower extremity arteries, including the iliac, femoral and tibial arteries, and hand and foot capsule joints. Age of onset has been reported as early as the second decade of life, usually involving intense joint pain or calcification in the hands.
序列相似性	Belongs to the 5'-nucleotidase family.
细胞定位	Cell membrane.

图片

Formalin-fixed, paraffin-embedded human tonsil tissue stained for CD73 using ab257311 at 2 µg/ml in immunohistochemical analysis.
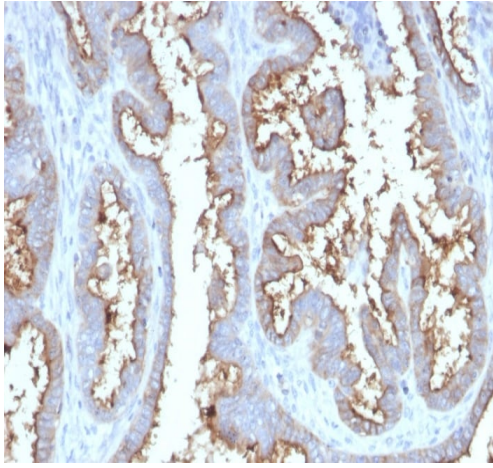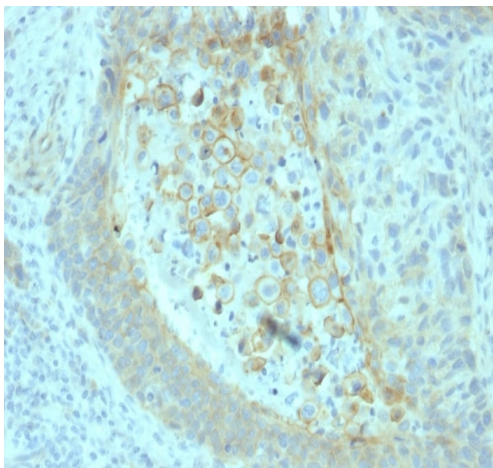
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD73 antibody [NT5E/2545] (ab257311)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for CD73 using ab257311 at 2 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD73 antibody [NT5E/2545] (ab257311)
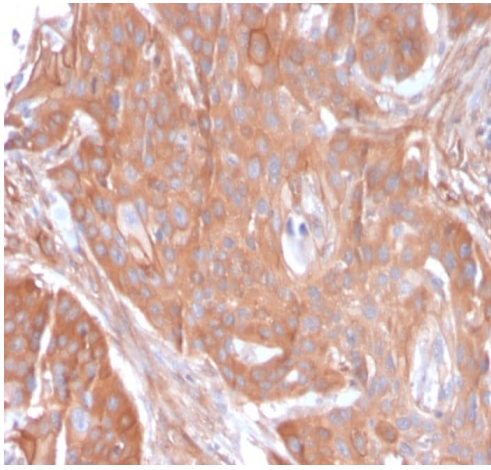
Formalin-fixed, paraffin-embedded human prostate tissue stained for CD73 using ab257311 at 2 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD73 antibody [NT5E/2545] (ab257311)
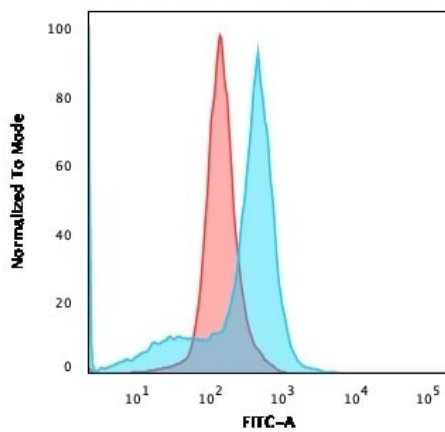

Formalin-fixed, paraffin-embedded human pancreatic carcinoma tissue stained for CD73 using ab257311 at 2 µg/ml in immunohistochemical analysis.
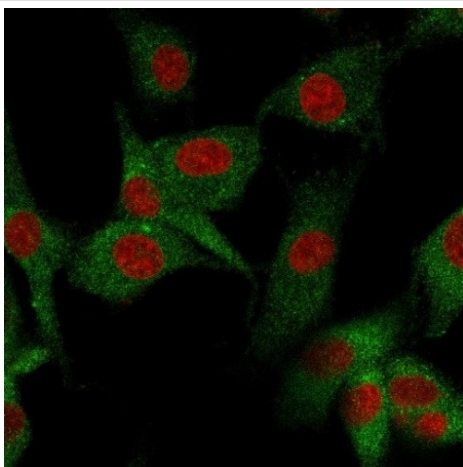
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD73 antibody [NT5E/2545] (ab257311)

Formalin-fixed, paraffin-embedded human colon carcinoma tissue stained for CD73 using ab257311 at 2 µg/ml in immunohistochemical analysis.
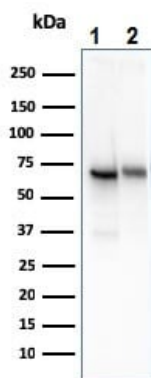
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD73 antibody [NT5E/2545] (ab257311)

Flow cytometric analysis of U-87 MG (human glioblastoma-astrocytoma epithelial cell line) cells labeling CD73 with ab257311 at 2 µg/ml followed by a goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).

Flow Cytometry - Anti-CD73 antibody [NT5E/2545] (ab257311)

Immunofluorescence staining of U-87 MG (human glioblastoma-astrocytoma epithelial cell line) cells using ab257311 at 2µg/ml followed by a goat anti-Mouse IgG conjugated to CF488 (green). Membrane stained with Phalloidin (Red).
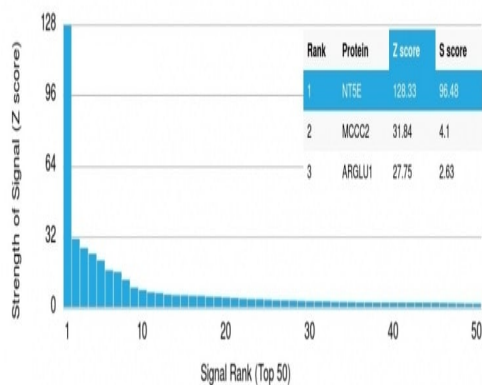
Immunocytochemistry/ Immunofluorescence - Anti-CD73 antibody [NT5E/2545] (ab257311)

Western blot - Anti-CD73 antibody [NT5E/2545] (ab257311)

All lanes : Anti-CD73 antibody [NT5E/2545] (ab257311) at 2 µg/ml

Lane 1 : A431 (human epidermoid carcinoma cell line) whole cell lysate

Lane 2 : PC-3 (human prostate adenocarcinoma cell line) whole cell lysate

Predicted band size: 63 kDa

Protein Array - Anti-CD73 antibody [NT5E/2545] (ab257311)

Analysis of Protein Array containing more than 19,000 full-length human proteins using ab257311.

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

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