

Product datasheet

Anti-N Cadherin antibody [2G7] ab124397

1 References 8 图像

概述

产品名称	Anti-N Cadherin抗体[2G7]
描述	小鼠单克隆抗体[2G7] to N Cadherin
宿主	Mouse
经测试应用	适用于: ICC/IF, WB, IHC-P, Flow Cyt
种属反应性	与反应: Mouse, Dog, Human, Monkey
免疫原	Recombinant full length Human N Cadherin produced in HEK293T cells (NP_001783).
阳性对照	N Cadherin-transfected HEK293T cells and lysate; HepG2, HeLa, SVT2, A549, MDCK and COS7 cell extracts; Human kidney carcinoma, liver, thyroid carcinoma, and endometrium adenocarcinoma tissues; Hela cells.
常规说明	Dilute in PBS (pH7.3) before use.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
纯度	Protein A purified
纯化说明	ab124397 is purified from Mouse ascites fluid by affinity chromatography.
克隆	单克隆
克隆编号	2G7
同种型	IgG2a

应用

Our [Abpromise guarantee](#) covers the use of **ab124397** in the following tested applications.

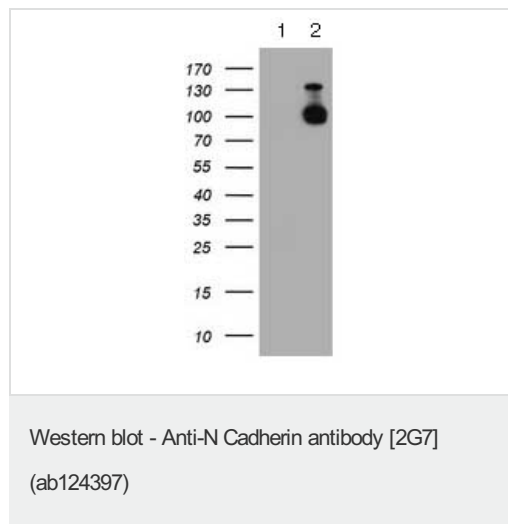
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration. PubMed: 24449852
WB		1/500 - 1/2000. Predicted molecular weight: 99 kDa.
IHC-P		1/150.
Flow Cyt		1/100. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

靶标

功能	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density.
序列相似性	Contains 5 cadherin domains.
细胞定位	Cell membrane.

图片



All lanes : Anti-N Cadherin antibody [2G7] (ab124397) at 1/500 dilution

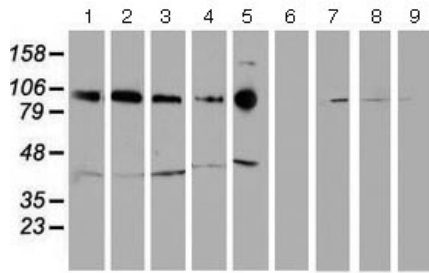
Lane 1 : HEK293T cell lysate transfected with pCMV6-ENTRY control

Lane 2 : HEK293T cell lysate transfected with pCMV6-ENTRY N Cadherin

Lysates/proteins at 5 µg per lane.

Predicted band size: 99 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC207170)



Western blot - Anti-N Cadherin antibody [2G7]
(ab124397)

All lanes : Anti-N Cadherin antibody [2G7]
(ab124397) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : SVT2 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

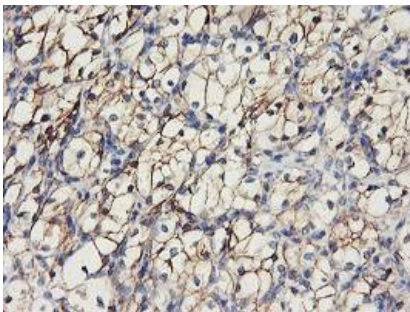
Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

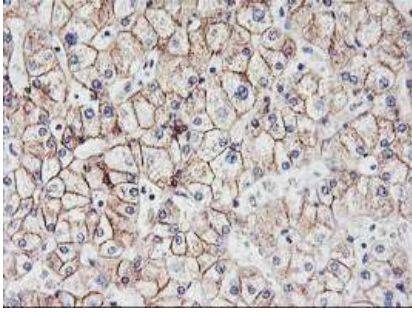
Predicted band size: 99 kDa

HEK293T cell lysates were generated from
transient transfection of the cDNA clone
(RC207170)



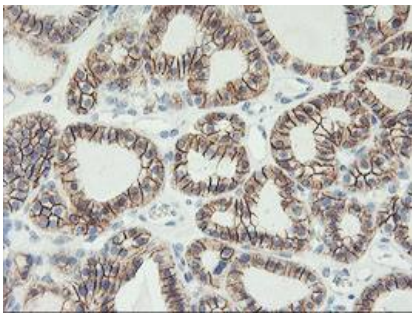
Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-N Cadherin antibody
[2G7] (ab124397)

ab124397 at 1/150 dilution staining N
Cadherin in Paraffin-embedded Human
kidney carcinoma tissue by
Immunohistochemistry.



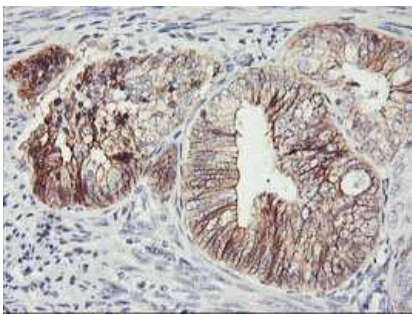
ab124397 at 1/150 dilution staining N Cadherin in Paraffin-embedded Human liver tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-N Cadherin antibody [2G7] (ab124397)



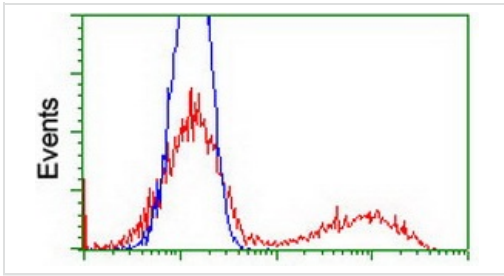
ab124397 at 1/150 dilution staining N Cadherin in Paraffin-embedded Human thyroid carcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-N Cadherin antibody [2G7] (ab124397)



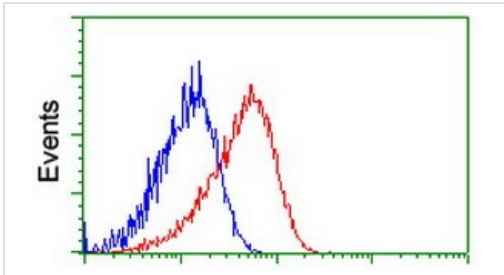
ab124397 at 1/150 dilution staining N Cadherin in Paraffin-embedded Human endometrium adenocarcinoma tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-N Cadherin antibody [2G7] (ab124397)



Flow Cytometry - Anti-N Cadherin antibody [2G7]
(ab124397)

ab124397 at 1/100 dilution staining N Cadherin in HEK293T cells transfected with either pCMV6-ENTRY N Cadherin (Red) or empty vector control plasmid (Blue) by Flow Cytometry.



Flow Cytometry - Anti-N Cadherin antibody [2G7]
(ab124397)

ab124397 at 1/100 dilution staining N Cadherin in HeLa cells by Flow cytometry (Red) compared to a nonspecific negative control antibody (Blue).

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