abcam

Product datasheet

Anti-Cadherin 8 antibody ab97268

1 References　画像数 2

製品の概要

製品名	Anti-Cadherin 8 antibody
製品の詳細	Rabbit polyclonal to Cadherin 8
由来種	Rabbit
アプリケーション	**適用あり:** WB, ICC/IF
種交差性	**交差種:** Human
	交差が予測される動物種: Mouse, Rat, Chicken, Cow
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	This antibody gave a positive signal in the following whole cell lysates: SHSY5Y; WERI; U87MG; SKNBE.
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル

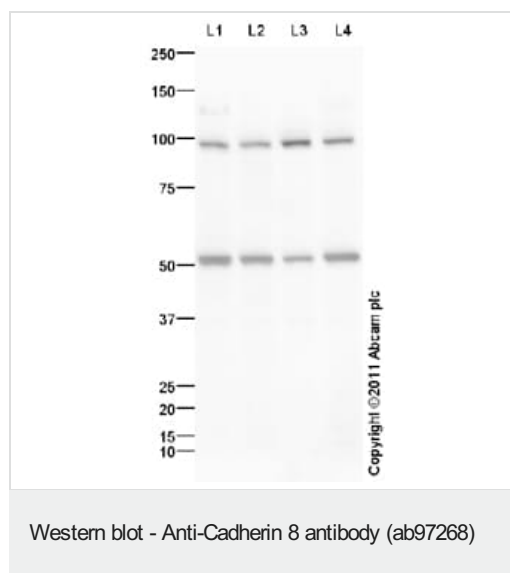| アイソタイプ	IgG

アプリケーション

The Abpromise guarante <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab97268の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 100 kDa (predicted molecular weight: 88 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

ターゲット情報

機能	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.
組織特異性	Mainly expressed in brain. Found in certain nerve cell lines, such as retinoblasts, glioma cells and neuroblasts.
配列類似性	Contains 5 cadherin domains.
細胞内局在	Cell membrane.

画像

Western blot - Anti-Cadherin 8 antibody (ab97268)

All lanes : Anti-Cadherin 8 antibody (ab97268) at 1 µg/ml

Lane 1 : SHSY-5Y (Human neuroblastoma cell line) Whole Cell Lysate

Lane 2 : WERI (Human Retinoblastoma) Whole Cell Lysate

Lane 3 : U-87 MG (Human glioblastoma astrocytoma) Whole Cell Lysate

Lane 4 : SK N BE (Human neuroblastoma) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

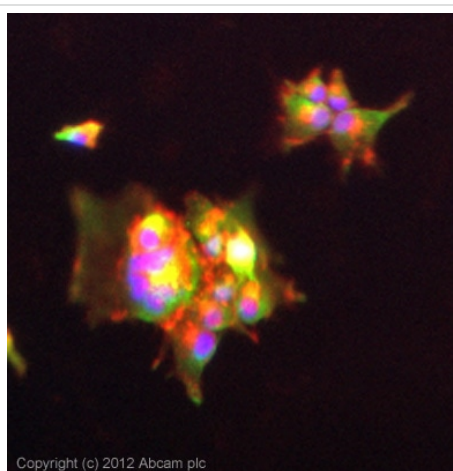Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 88 kDa

Observed band size: 100 kDa

Additional bands at: 52 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 1 minute

Cadherin 8 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.

Immunocytochemistry/ Immunofluorescence - Anti-Cadherin 8 antibody (ab97268)

ICC/IF image of ab97268 stained U87MG cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab97268, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

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