


# Anti-Cadherin 9 antibody [EPR5113] - BSA and Azide free ab213652

リコンビナント **RabMAb**

画像数 4

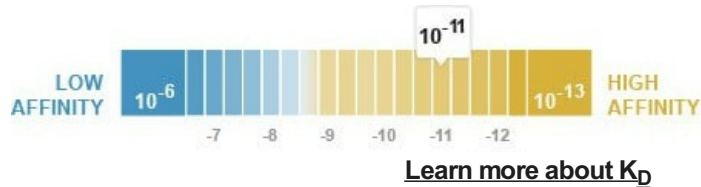
### 製品の概要

製品名	Anti-Cadherin 9 antibody [EPR5113] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR5113] to Cadherin 9 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB <b>適用なし:</b> ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat 
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	293T, U87-MG, Human testis, NIH/3T3 and Caco 2 lysates; Permeabilized 293T cells
特記事項	<p>ab213652 is the carrier-free version of <a href="#">ab124803</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
解離定数 ( $K_D$ 値)	$K_D = 2.40 \times 10^{-11}$ M



バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5113
アイソタイプ	IgG

## アプリケーション

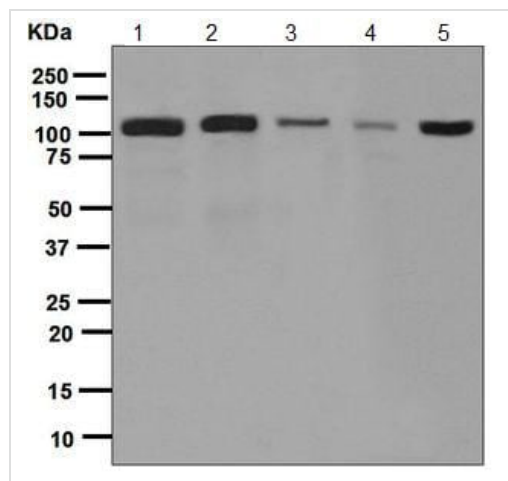
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アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 110 kDa (predicted molecular weight: 88 kDa).

**追加情報**      Is unsuitable for ICC/IF, IHC-P or IP.

## 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.
配列類似性	Contains 5 cadherin domains.
ドメイン	Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.
細胞内局在	Cell membrane.



Western blot - Anti-Cadherin 9 antibody [EPR5113] - BSA and Azide free (ab213652)

**All lanes :** Anti-Cadherin 9 antibody [EPR5113] ([ab124803](#)) at 1/1000 dilution

**Lane 1 :** 293T (Human embryonic kidney epithelial cell) cell lysate

**Lane 2 :** U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

**Lane 3 :** Human testis lysate

**Lane 4 :** NIH/3T3 cell lysate

**Lane 5 :** Caco-2 cell lysate

Lysates/proteins at 10 µg per lane.

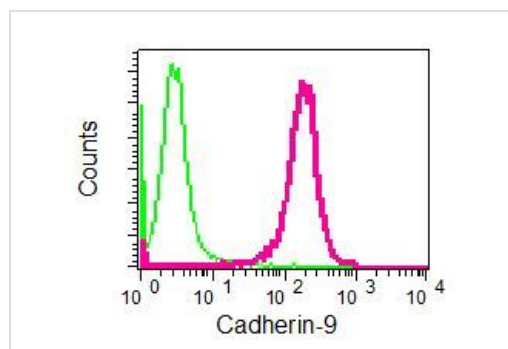
## Secondary

**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 88 kDa

**Observed band size:** 110 kDa

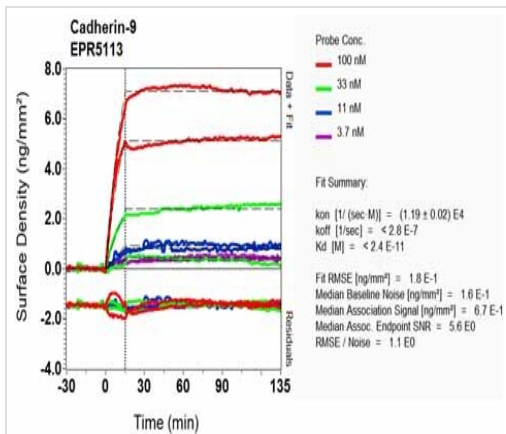
This data was developed using [ab124803](#), the same antibody clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-Cadherin 9 antibody [EPR5113] - BSA and Azide free (ab213652)

This data was developed using [ab124803](#), the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of permeabilized 293T cells using [ab124803](#) at 1/100 dilution (red) or a rabbit IgG (negative) (green).



SPR Scanning - Anti-Cadherin 9 antibody  
[EPR5113] - BSA and Azide free (ab213652)

This data was developed using [ab124803](#), the same antibody clone in a different buffer formulation. Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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