

Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] ab107257

★★★★★ [2 Abreviews](#) [8 References](#) [画像数 3](#)

製品の概要

製品名	Anti-Carbonic Anhydrase 9/CA9 antibody [2D3]
製品の詳細	Mouse monoclonal [2D3] to Carbonic Anhydrase 9/CA9
由来種	Mouse
アプリケーション	適用あり: Flow Cyt, WB, IHC-P
種交差性	交差種: Human
免疫原	Recombinant fragment corresponding to Human Carbonic Anhydrase 9/CA9. Database link: Q16790
ポジティブ・コントロール	Hela and A549 cell lysate; lung and colonic tissues and NTERA-2 cells.
特記事項	<p>This product was changed from ascites to supernatant. Lot no's high than GR311638-1 are from Tissue Culture Supernatant</p> <p>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.</p> <p>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</p>

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 long term.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein G purified
特記事項(精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	2D3
アイソタイプ	IgG1

アプリケーション

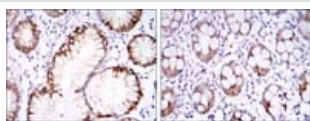
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab107257の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/500 - 1/2000. Predicted molecular weight: 50 kDa.
IHC-P	★★★★★ (1)	1/200 - 1/1000.

ターゲット情報

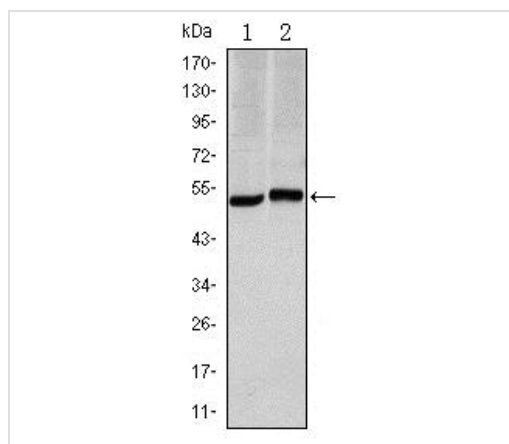
機能	Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.
組織特異性	Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.
配列類似性	Belongs to the alpha-carbonic anhydrase family. Contains 1 alpha-carbonic anhydrase domain.
翻訳後修飾	Asn-346 bears high-mannose type glycan structures.
細胞内局在	Nucleus. Nucleus, nucleolus. Cell membrane. Cell projection, microvillus membrane. Found on the surface microvilli and in the nucleus, particularly in nucleolus.

画像



Immunohistochemical analysis of paraffin-embedded lung tissues (left) and colonic tissues (right) using 1/200 ab107257 with DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)



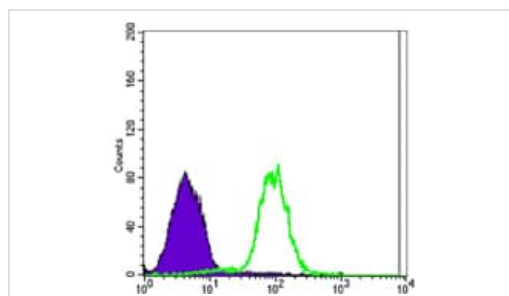
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)

All lanes : Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257) at 1/500 dilution

Lane 1 : HeLa Cell lysate

Lane 2 : A549 Cell Lysate

Predicted band size: 50 kDa



Flow Cytometry - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)

Flow cytometric analysis of NTERA-2 cells using Carbonic Anhydrase 9/CA9 mouse ab107257 in green and negative control in purple.

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