

Anti-CDX2 antibody [SP54] ab101532

重组 RabMAb

1 References **4 图像**

概述

产品名称	Anti-CDX2抗体[SP54]
描述	兔单克隆抗体[SP54] to CDX2
宿主	Rabbit
经测试应用	适用于: IHC-P, Flow Cyt (Intra), ICC/IF
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide within Human CDX2 aa 100-200 (N terminal). The exact sequence is proprietary. Database link: Q99626
阳性对照	IHC-P: Human colon carcinoma tissue. Flow Cyt: HT-29 and Caco-2 cells ICC/IF: Caco-2 cells
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C.
存储溶液	pH: 7.2 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
纯度	Protein A/G purified
纯化说明	Purified from TCS by protein A/G.
克隆	单克隆

克隆编号	SP54
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab101532于以下的经测试应用

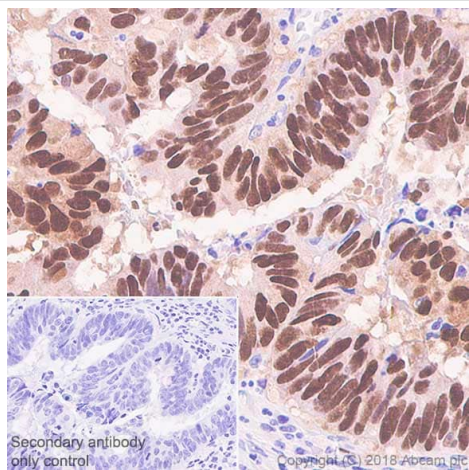
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Boil tissue section in 10mM Citrate buffer, pH 6.0 for 10-20 min followed by cooling at RT for 20 min.
Flow Cyt (Intra)		1/200. ab199376 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/50.

靶标

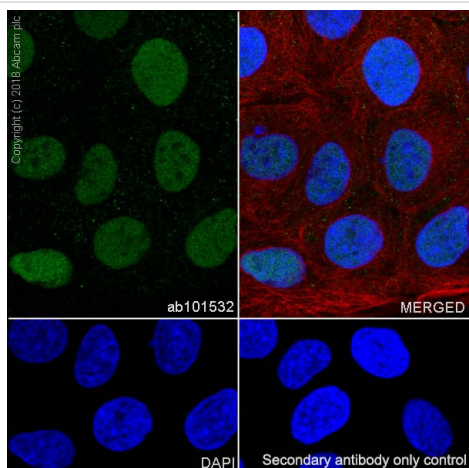
功能	Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine.
序列相似性	Belongs to the Caudal homeobox family. Contains 1 homeobox DNA-binding domain.
翻译后修饰	Phosphorylation of Ser-60 mediates the transactivation capacity.
细胞定位	Nucleus.

图片



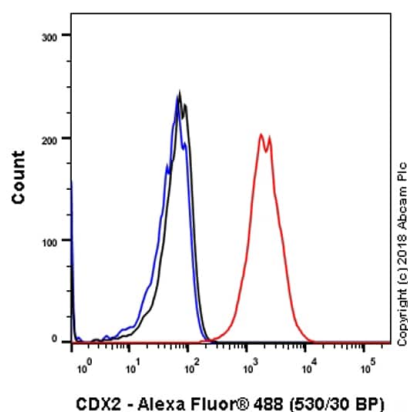
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDX2 antibody [SP54] (ab101532)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon carcinoma tissue sections labeling CDX2 with ab101532 at 1/100 dilution (1.11 µg/ml). Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins. Goat Anti-Rabbit & Mouse IgG (HRP) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human colon carcinoma, performed on a Leica Biosystems BOND™ RX instrument. The section was incubated with ab101532 for 30 mins at room temperature.



Immunocytochemistry/ Immunofluorescence - Anti-CDX2 antibody [SP54] (ab101532)

Immunocytochemistry/ Immunofluorescence analysis of Caco-2 (human colorectal adenocarcinoma epithelial cell) cells labeling CDX2 with purified ab101532 at 1/50 (2.22 µg/ml). Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were counterstained with **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/1000 (2 µg/ml) dilution. DAPI was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-CDX2 antibody [SP54] (ab101532)

Flow cytometry analysis of Caco-2 (human colorectal adenocarcinoma epithelial cell) labeling CDX2 with purified ab101532 at 1/200 dilution (0.56 µg/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as a secondary antibody. Isotype control -Rabbit monoclonal IgG (**ab172730**) (black). Unlabeled control -Unlabelled cells (blue).

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

Anti-CDX2 antibody [SP54] (ab101532)

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

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