

Anti-Cripto1/CRIPTO antibody [EPNCIR106A] ab108391

重组 RabMAb

6 References [6 图像](#)

概述

产品名称	Anti-Cripto1/CRIPTO抗体[EPNCIR106A]
描述	兔单克隆抗体[EPNCIR106A] to Cripto1/CRIPTO
宿主	Rabbit
经测试应用	适用于: ICC/IF, Flow Cyt (Intra), WB, IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. (Peptide available as ab84062)
阳性对照	WB and IP: NCCIT cell lysate. Flow Cyt (intra) and ICC/IF: NCCIT cells.
常规说明	<p>This antibody was developed as part of a collaboration between Epitomics, the National Cancer Institute's Center for Cancer Research and the lab of David Solomon. <u>View antibodies from NCI Center for Cancer Research Collaboration.</u></p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information <u>see here.</u></p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <u>RabMAb[®] patents.</u></p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Allow to warm to room temp and agitate gently before aliquotting. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, PBS</p>

纯度	Protein A purified
克隆	单克隆
克隆编号	EPNCIR106A
同种型	IgG

应用

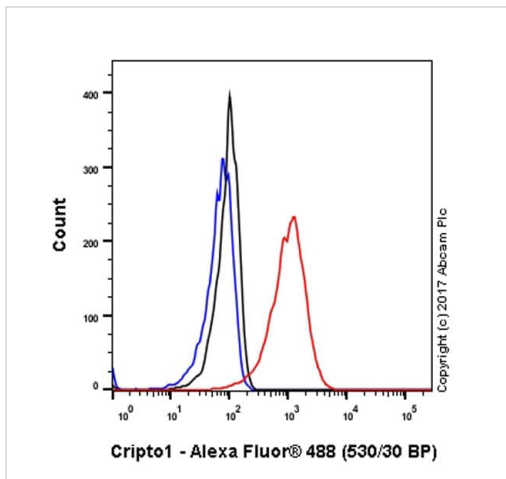
The Abpromise guarantee **Abpromise™**承诺保证使用ab108391于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/500. For unpurified use at 1/100 -1/250.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		1/1000 - 1/10000. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).Can be blocked with <u>Recombinant human Cripto1/CRIPTO protein (Fc Chimera) (ab84062)</u> .
IP		1/10 - 1/100.

靶标

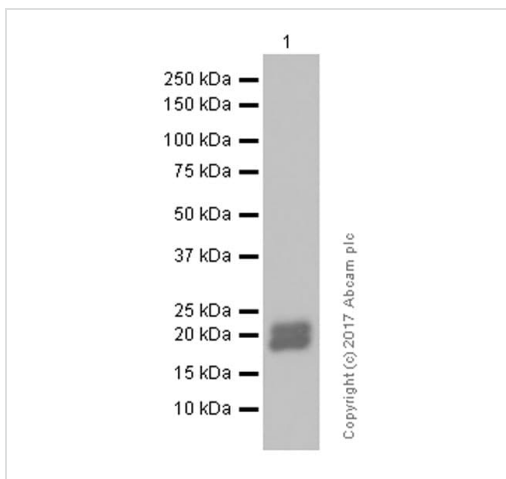
功能	Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.
组织特异性	Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.
序列相似性	Contains 1 EGF-like domain.
细胞定位	Cell membrane.

图片



Flow Cytometry (Intracellular) - Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

Intracellular Flow Cytometry analysis of NCCIT (human pluripotent embryonic carcinoma) cells labeling Cripto1/CRIPTO with purified ab108391 at 1/2200 dilution (1 µg/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal IgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



Western blot - Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

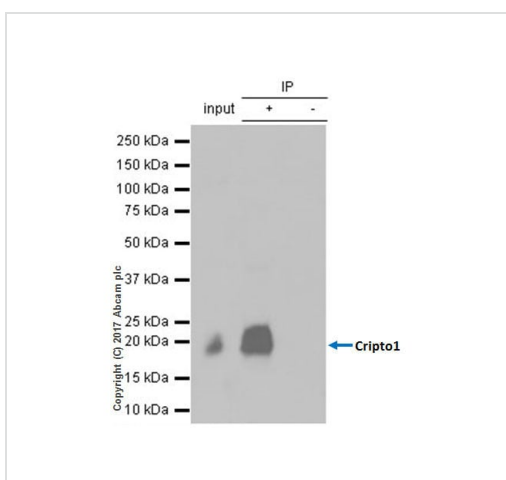
Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391) at 1/2000 dilution (purified) + NCCIT (Human pluripotent embryonic carcinoma epithelial cell) whole cell lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/2000 dilution

Predicted band size: 21 kDa

Blocking and diluting buffer: 5% NFDM/TBST



Immunoprecipitation - Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

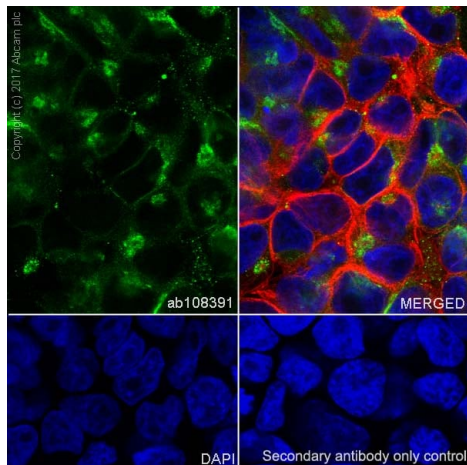
ab108391 (purified) at 1:30 dilution (2 µg) immunoprecipitating Cripto1/CRIPTO in NCCIT (Human pluripotent embryonic carcinoma epithelial cell) whole cell lysate.

Lane 1 (input): NCCIT (Human pluripotent embryonic carcinoma epithelial cell) whole cell lysate 10 µg

Lane 2 (+): ab108391 & NCCIT (Human pluripotent embryonic carcinoma epithelial cell) whole cell lysate

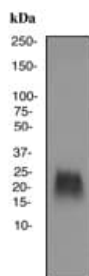
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab108391 in NCCIT (Human pluripotent embryonic carcinoma epithelial cell) whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

Immunocytochemistry/ Immunofluorescence analysis of NCCIT (Human pluripotent embryonic carcinoma epithelial cell) cells labeling Cripto1/CRIPTO with Purified ab108391 at 1:500 dilution (1.1 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). **ab150077** Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



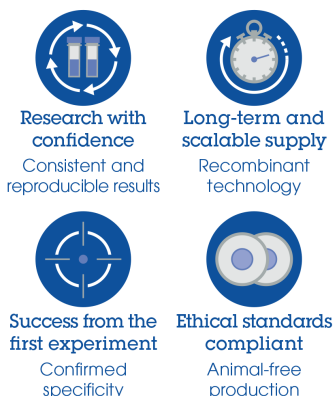
Western blot - Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391) at 1/1000 dilution (unpurified) + NCCIT cell lysate at 10 µg

Predicted band size: 21 kDa

Observed band size: 21 kDa

Why choose a recombinant antibody?



Anti-Cripto1/CRIPTO antibody [EPNCIR106A] (ab108391)

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

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