

Anti-ING5 antibody [EPR23930-1] ab259904

重组 RabMAb

1 References **10 图像**

概述

产品名称	Anti-ING5抗体[EPR23930-1]
描述	兔单克隆抗体[EPR23930-1] to ING5
宿主	Rabbit
经测试应用	适用于: IP, Flow Cyt (Intra), ICC/IF, WB 不适用于: IHC-P
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HEK-293T, HeLa, A549, MCF7, MDA-MB-231 and NIH/3T3 whole cell lysates; His-tagged human ING5 recombinant protein. ICC/IF: HEK-293T and NIH/3T3 cells. Flow Cyt (intra): HEK-293T and NIH/3T3 cells. IP: MCF7 and NIH/3T3 whole cell lysates.
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 . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR23930-1

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab259904 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
IP		1/30.
Flow Cyt (Intra)		1/500.
ICC/IF		1/1000.
WB		1/1000. Detects a band of approximately 32 kDa (predicted molecular weight: 28 kDa).

应用说明

Is unsuitable for IHC-P.

靶标

功能

Component of the HBO1 complex which has a histone H4-specific acetyltransferase activity, a reduced activity toward histone H3 and is responsible for the bulk of histone H4 acetylation in vivo. Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. Through chromatin acetylation it may regulate DNA replication and may function as a transcriptional coactivator.

序列相似性

Belongs to the ING family.
Contains 1 PHD-type zinc finger.

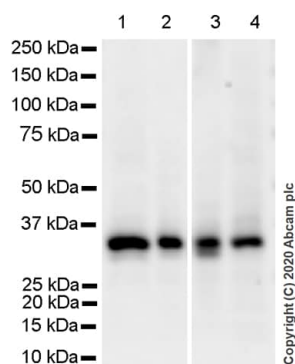
结构域

The PHD-type zinc finger mediates the binding to H3K4me3.

细胞定位

Nucleus.

图片



Western blot - Anti-ING5 antibody [EPR23930-1] (ab259904)

All lanes : Anti-ING5 antibody [EPR23930-1] (ab259904) at 1/1000 dilution

Lane 1 : HEK-293T (human embryonic kidney epithelial cell), whole cell lysate

Lane 2 : HeLa (human cervix adenocarcinoma epithelial cell), whole cell lysate

Lane 3 : A549 (human lung carcinoma epithelial cell), whole cell lysate

Lane 4 : NIH/3T3 (mouse embryonic fibroblast), whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

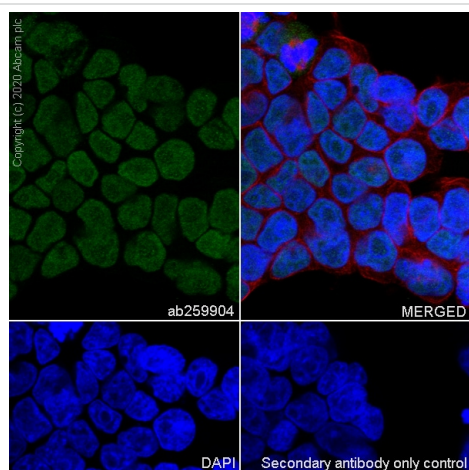
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) at 1/20000 dilution

Predicted band size: 28 kDa

Observed band size: 32 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST.

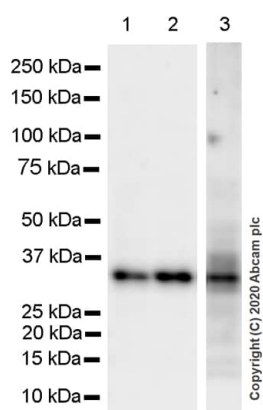
Exposure times: Lane1-2: 10 seconds Lane3-4: 15 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-ING5 antibody [EPR23930-1] (ab259904)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HEK-293T cells labelling ING5 with ab259904 at 1/1000 (0.482 µg/ml) dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing strong nuclear staining in HEK-293T cells. **ab195889** Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.



Western blot - Anti-ING5 antibody [EPR23930-1] (ab259904)

All lanes : Anti-ING5 antibody [EPR23930-1] (ab259904) at 1/1000 dilution

Lane 1 : MCF7 (human breast adenocarcinoma epithelial cell), whole cell lysate

Lane 2 : MDA-MB-231 (human breast adenocarcinoma epithelial cell), whole cell lysate

Lane 3 : C6 (rat glial tumor glial cell), whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

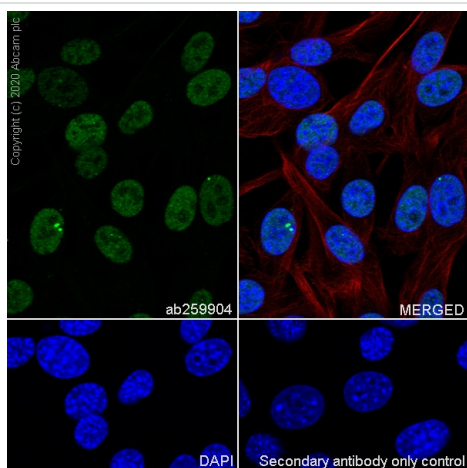
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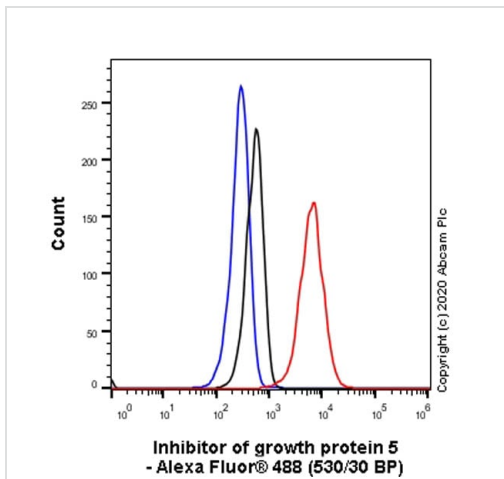
Exposure times: Lane1-2: 7.5 seconds; Lane3: 70 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-ING5 antibody [EPR23930-1] (ab259904)

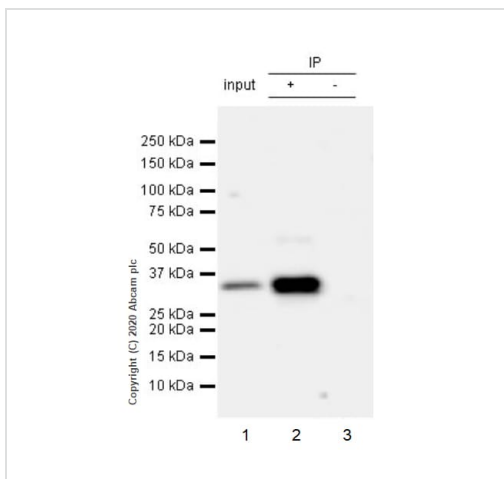
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Flow Cytometry (Intracellular) - Anti-ING5 antibody
[EPR23930-1] (ab259904)

Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized HEK-293T (Human embryonic kidney epithelial cell) cells labelling ING5 with ab259904 at 1/500 dilution (0.1ug) (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-ING5 antibody
[EPR23930-1] (ab259904)

ING5 was immunoprecipitated from 0.35 mg MCF7 (human breast adenocarcinoma epithelial cell), whole cell lysate with ab259904 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab259904 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP)(**ab131366**) was used at 1/5000 dilution.

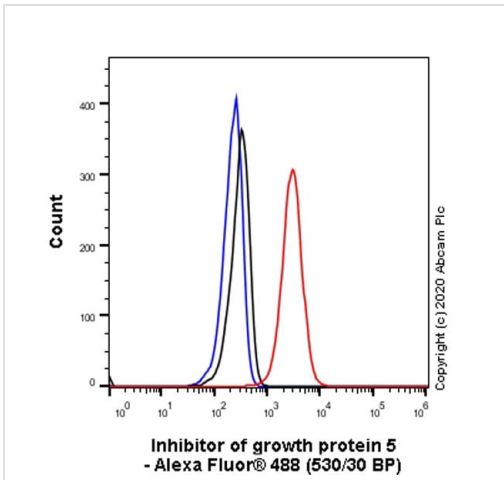
Lane 1: MCF7 (human breast adenocarcinoma epithelial cell), whole cell lysate 10 ug

Lane 2: ab259904 IP in MCF7 whole cell lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab259904 in MCF7 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

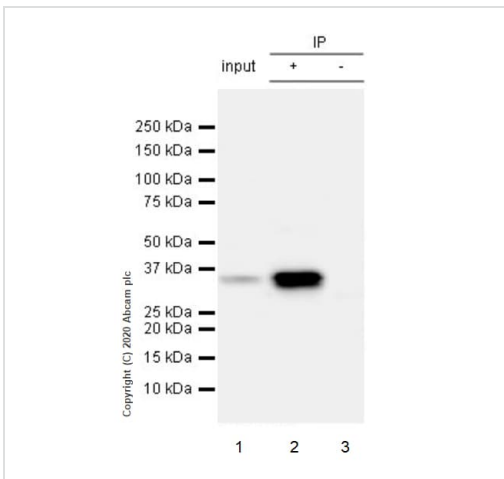
Exposure time: 10 seconds.



Flow Cytometry (Intracellular) - Anti-ING5 antibody
[EPR23930-1] (ab259904)

Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized NIH/3T3 (mouse embryonic fibroblast) cells labelling ING5 with ab259904 at 1/500 dilution (0.1ug) (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue).

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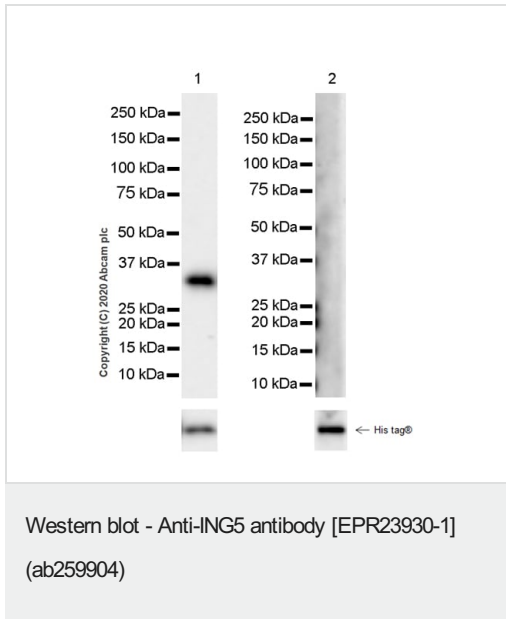
Lane 1: NIH/3T3 (mouse embryonic fibroblast), whole cell lysate 10 ug

Lane 2: ab259904 IP in NIH/3T3 whole cell lysate

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab259904 in NIH/3T3 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDN/TBST.

Exposure time: 10 seconds.



All lanes : Anti-ING5 antibody [EPR23930-1] (ab259904) at 1/1000 dilution

Lane 1 : His-tagged human ING5 recombinant protein, 20 ng

Lane 2 : His-tagged human ING4 recombinant protein, 20 ng

Secondary




All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) at 1/20000 dilution

Predicted band size: 28 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST.

Exposure times: Lane1: 8 seconds; Lane2: 3 minutes

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-ING5 antibody [EPR23930-1] (ab259904)

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