abcam

Product datasheet

Anti-DYNLL1/PIN antibody [EP1660Y] - BSA and Azide free ab232343

敲除验证 重组 RabMAb

8 图像

概述

产品名称	Anti-DYNLL1/PIN抗体[EP1660Y] - BSA and Azide free
描述	兔单克隆抗体[EP1660Y] to DYNLL1/PIN - BSA and Azide free
宿主	Rabbit
特异性	**ab51603** recognizes DLC8. The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
经测试应用	**适用于:** WB, IP, IHC-P, ICC/IF, Flow Cyt (Intra)
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
表位	The epitope for this antibody is on the N-terminus, AA2-14.
阳性对照	IHC-P: Human breast carcinoma tissue.
常规说明	ab232343 is the carrier-free version of **ab51603**. Our **carrier-free** 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. 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. Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold. This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc. This product is a recombinant monoclonal antibody, which offers several advantages including: - 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. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1660Y
同种型	IgG

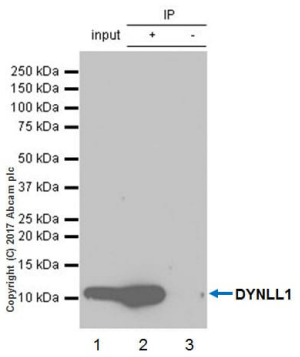
应用

The Abpromise guarantee **Abpromise™承诺保证使用ab232343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
WB		Use at an assay dependent concentration. Detects a band of approximately 10 kDa (predicted molecular weight: 10 kDa).
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.

图片



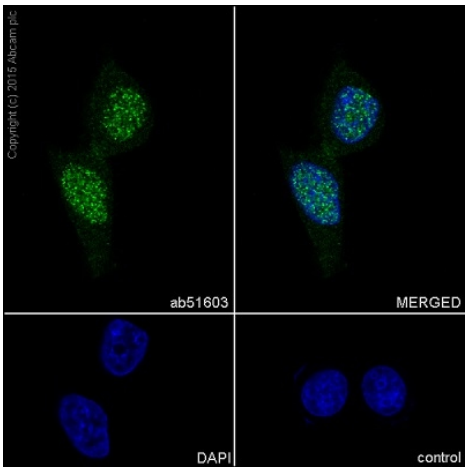
Immunoprecipitation - Anti-DYNLL1 antibody [EP1660Y] - BSA and Azide free (ab232343)

ab51603 (purified) at 1:30 dilution (2ug) immunoprecipitating DYNLL1 / PIN in HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate.

Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate 10ug
Lane 2 (+): **ab51603** & HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab51603** in HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.
Blocking and diluting buffer: 5% NFDM/TBST.

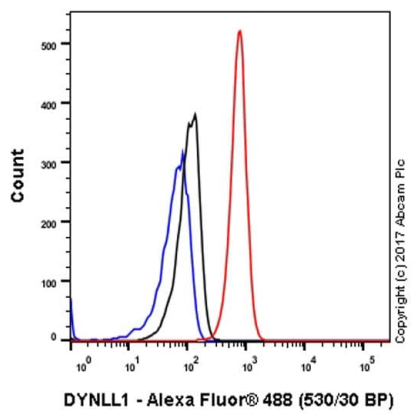
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).



Immunocytochemistry/ Immunofluorescence - Anti-DYNLL1 antibody [EP1660Y] - BSA and Azide free (ab232343)

Immunocytochemistry/ Immunofluorescence analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labeling DYNLL1 with Purified **ab51603** at 1:100 dilution (6.7µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. **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.

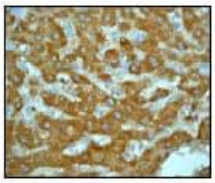
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).



Flow Cytometry (Intracellular) - Anti-DYNLL1/PIN antibody [EP1660Y] - BSA and Azide free (ab232343)

Intracellular Flow Cytometry analysis of HeLa (human cervix adenocarcinoma) cells labeling DYNLL1 / PIN (red) with purified **ab51603** at a 1/2300 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG (**ab172730**). Blue (unlabeled control) - Cells without incubation with the primary and secondary antibodies.

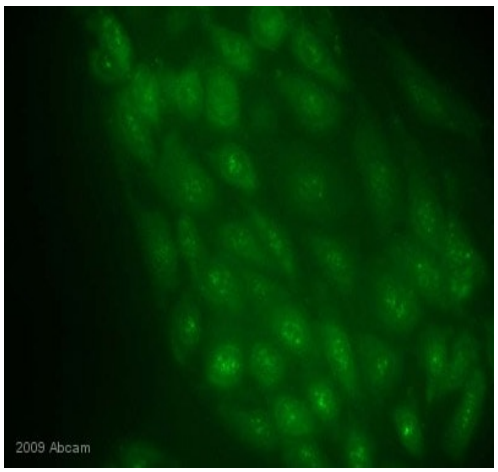
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DYNLL1 antibody [EP1660Y] - BSA and Azide free (ab232343)

Immunohistochemical staining of paraffin embedded human liver using unpurified **ab51603** (1/100).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).

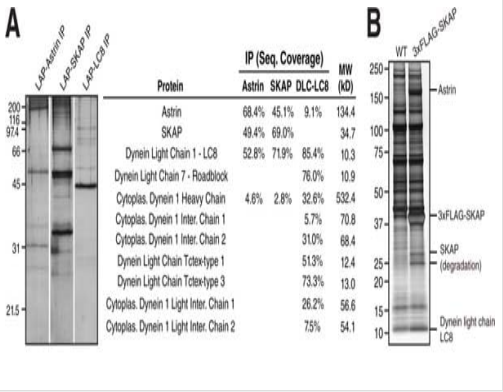


Immunocytochemistry/ Immunofluorescence - Anti-DYNLL1/PIN antibody [EP1660Y] - BSA and Azide free (ab232343)

This image is courtesy of an anonymous Abreview.

Unpurified **ab51603** staining DLC8 in mouse kidney cells cells by ICC/IF (immunocytochemistry/immunofluorescence. Cells were fixed with methanol, permeabilized with 0.1% Triton and blocked with 1% milk for 1 hour at room temperature. The sample was incubated with primary antibody (1/400; 1% milk in PBS) for 16 hours at 4°C. An Alexa Fluor®488-conjugated Goat polyclonal to rabbit IgG (1/1000) was used as secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).

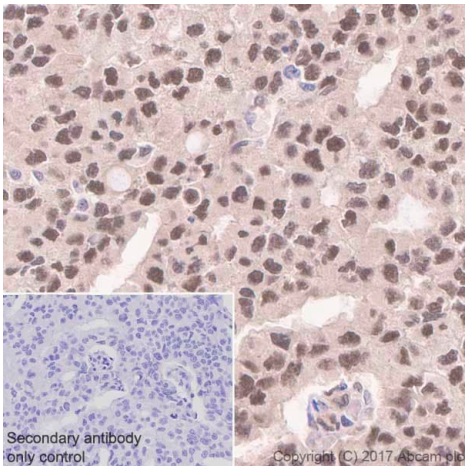


Immunoprecipitation - Anti-DYNLL1/PIN antibody [EP1660Y] - BSA and Azide free (ab232343)

Image from Schmidt JC et al. J Cell Biol. 2010 Oct 18;191(2):269-80. Epub 2010 Oct 11 Fig 2. DOI 10.1083/jcb.201006129.

Unpurified **ab51603** used in IP.SKAP and Astrin form a complex. (A, left) Silver-stained gels showing a one-step IP of GFPLAP-Astrin, GFPLAP-SKAP, or GFPLAP-LC8. (A, right) Data from the mass spectrometric analysis of the purifications indicating the percent sequence coverage from each IP. (B) Silver-stained gel showing the purification of FLAG-SKAP from chicken DT40 cells relative to controls. The indicated proteins were identified by excising them from a gel and analyzing them by mass spectrometry.

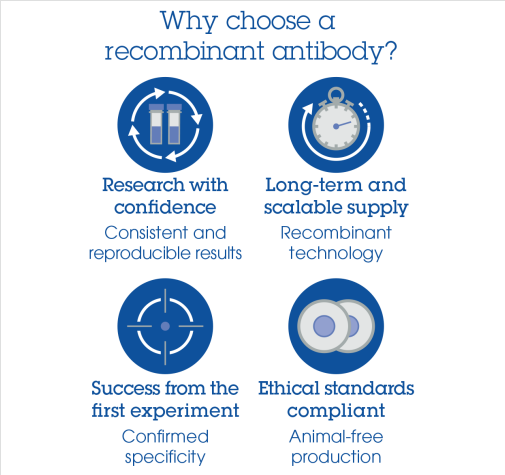
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DYNLL1 antibody [EP1660Y] - BSA and Azide free (ab232343)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human breast carcinoma tissue sections labeling DYNLL1 with Purified **ab51603** at 1:500 dilution (1.34 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab51603**).



Anti-DYNLL1/PIN antibody [EP1660Y] - BSA and Azide free (ab232343)

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