

Anti-6X His tag® antibody [HIS.H8] ab18184

★★★★★ [32 Abreviews](#) [312 References](#) [5 图像](#)

概述

产品名称	Anti-6X His tag®抗体[HIS.H8]
描述	小鼠单克隆抗体[HIS.H8] to 6X His tag®
宿主	Mouse
特异性	Recognizes His-tagged recombinant proteins or His-tagged proteins overexpressed in cells. ab18184 reacts to recombinant proteins containing the 6X His tag® or 10X His tag® fused to either the amino or carboxy terminus.
经测试应用	适用于: ICC/IF, ELISA, Dot blot, WB, IP
种属反应性	与反应: Species independent
免疫原	Synthetic peptide corresponding to 6X His tag®.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 5th February 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>HIS-TAG® is a trademark of EMD Biosciences, Inc.</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>

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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituent: PBS
纯度	Protein A purified

纯化说明	Purified from TCS by Protein A affinity chromatography
克隆	单克隆
克隆编号	HIS.H8
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab18184 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。

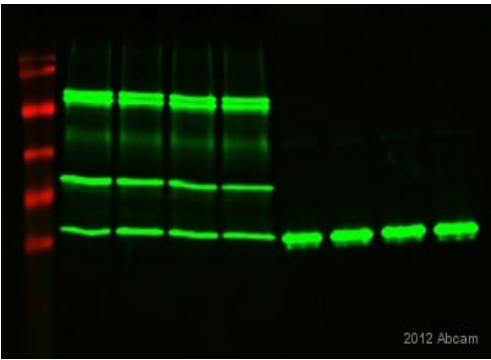
应用	Ab 评论	说明
ICC/IF	★★★★★ (3)	1/200.
ELISA	★★★★★ (1)	Use at an assay dependent concentration.
Dot blot		Use at an assay dependent concentration.
WB	★★★★★ (21)	1/1000.
IP	★★★★★ (5)	1/200.

靶标

相关性 The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. His-tags can be fused to the amino- or carboxy- termini of proteins in transfected or transformed cells.

细胞定位 Depends upon the localization of the parent protein tagged with hexahistidine.

图片



Immunoprecipitation - Anti-6X His tag® antibody
[HIS.H8] (ab18184)

This image is courtesy of an Abreview submitted by Mr Chris Tracy

Immunoprecipitation of His/FLAG tagged PDCD5 using ab18184 at 1/100 dilution.

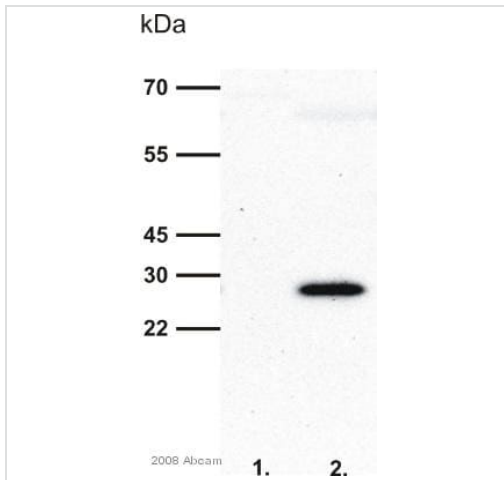
Lane 1 : MW Ladder (from top 120, 85, 50, 34, 25, 19 kDa)

Lanes 2-5 : Immunoprecipitation of His/FLAG tagged PDCD5 using ab18184 from mixture of ~50 ng purified His/FLAG tagged PDCD5 and 15 µL RRL in 300 µL buffer.

Lanes 6-9 : Purified PDCD5 from E. coli with ~60-70 ng protein.

The lowest band in each lane is ~ 20 kDa and is PDCD5. The upper bands in lanes 2-5 are the heavy chain (~50 kDa, runs as doublet) and light chain (~25 or 26 kDa).

Western Blot was performed with a mouse anti-FLAG primary antibody at 1/2000 dilution. An IRDye®800CW-conjugated goat anti-mouse IgG was used as a secondary antibody.



Western blot - Anti-6X His tag® antibody [HIS.H8] (ab18184)

This image is courtesy of an Abreview submitted by Vladimir Milenkovic

All lanes : Anti-6X His tag® antibody [HIS.H8] (ab18184) at 1/5000 dilution

Lane 1 : ARPE-19 whole cell lysate - non-transfected

Lane 2 : ARPE-19 whole cell lysate - transfected with rRab27a-His

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-mouse IgG polyclonal at 1/5000 dilution

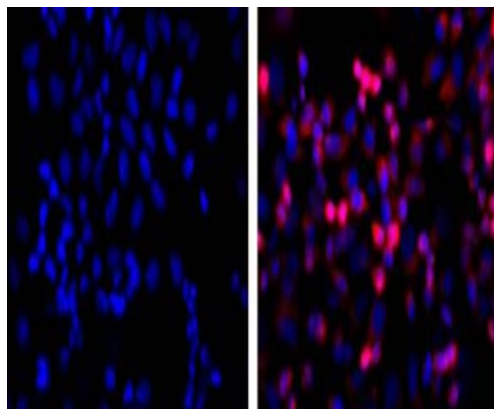
Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 5 minutes

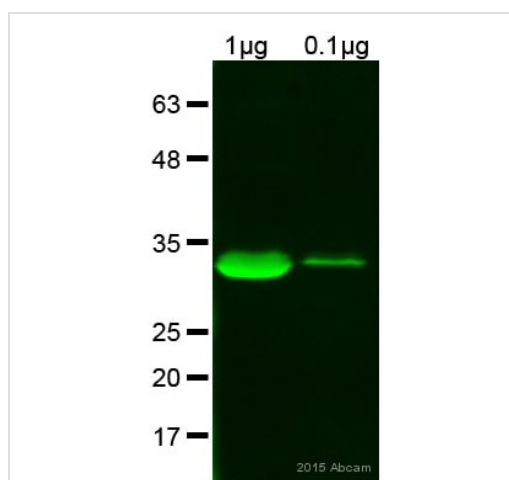
Blocked with 5% milk for 30 minutes at 25°C.

Incubated with the primary antibody for 16 hours at 4°C in 1X PBS/Tween, 5% milk.



Immunocytochemistry/ Immunofluorescence - Anti-6X His tag® antibody [HIS.H8] (ab18184)

LEFT: untransfected control; RIGHT: anti-His (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue).



Western blot - Anti-6X His tag® antibody [HIS.H8] (ab18184)

This image is courtesy of an Abreview submitted by Rachel Loh

All lanes : Anti-6X His tag® antibody [HIS.H8] (ab18184) at 1/1000 dilution

Lane 1 : 6x His-tagged protein expressed in BL21 (pET15b) at 1 µg

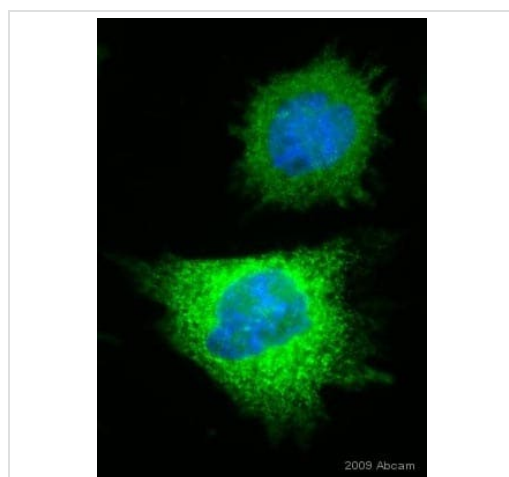
Lane 2 : 6x His-tagged protein expressed in BL21 (pET15b) at 0.1 µg

Secondary

All lanes : IRDye® 800CW goat anti-mouse IgG (H+L) polyclonal at 1/5000 dilution

Performed under reducing conditions.

Exposure time: 5 minutes



Immunocytochemistry/ Immunofluorescence - Anti-6X His tag® antibody [HIS.H8] (ab18184)

This image is courtesy of an anonymous abreview.

ab18184 at a 1/1000 dilution staining 6X His tag in transfected human HEK293 cells by Immunocytochemistry/ Immunofluorescence incubated for 12 hours at 22°C. PFA fixed. Permeabilized using 0.1% Triton X-100 in PBS. Blocked using 3% BSA for 1 hour at 22°C. Secondary used at a 1/1000 dilution polyclonal Goat anti-mouse IgG (H+L) conjugated to Alexa Fluor 488 (green). DAPI staining (blue).

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