

Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody ab1162

★★★★★ [15 Abreviews](#) [143 References](#) [3 图像](#)

概述

产品名称	Anti-DDDDK tag (Binds to FLAG® tag sequence)抗体
描述	兔多克隆抗体to DDDDK tag (Binds to FLAG® tag sequence)
宿主	Rabbit
经测试应用	适用于: ICC, WB, ELISA
种属反应性	与反应: Species independent
免疫原	Synthetic peptide corresponding to DDDDK tag (Binds to FLAG® tag sequence). Peptide DYKDDDDK conjugated to KLH. This sequence represents the Enterokinase Cleavage Site.
常规说明	<p>Epitope tags provide a method to localize gene products in a variety of cell types, study the topology of proteins and protein complexes, identify associated proteins, and characterize newly identified, low abundance or poorly immunogenic proteins when protein specific antibodies are not available. Tagging with xxxDDDDK may be done at the N-terminus, N-terminus preceded by a methionine residue, C-terminus, and in internal positions of the target protein. The small size of the epitope tag and its high hydrophilicity tend to decrease the possibility of interference with protein expression, proteolytic maturation, antigenicity and function. The enterokinase cleavage site allows it to be completely removed from the purified fusion proteins.</p> <p>FLAG® is a registered trade mark of Sigma Aldrich Biotechnology LP. It is used here for informational purposes only.</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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

存储溶液	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab1162于以下的经测试应用

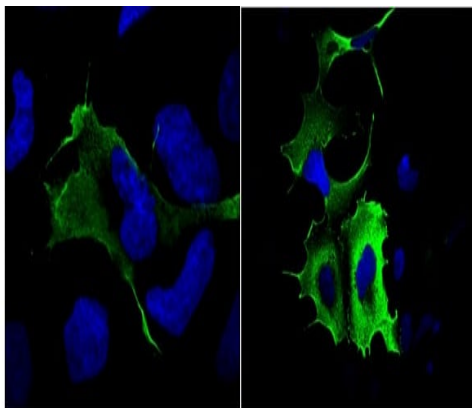
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC	★★★★★ (1)	Use at an assay dependent concentration.
WB	★★★★☆ (9)	Use a concentration of 0.2 - 1 µg/ml. Antibody was analyzed by western blot using various amino-terminal and carboxy-terminal DDDDK fusion proteins and Invitrogen Positope" R900-40. A 1/5000 dilution gave bands against 0.1, 1.0 and 10 ng of the fusion proteins and 100 ng and 25 ng of the Positope.
ELISA		Use a concentration of 1 - 5 µg/ml. As coating antibody in sELISA.

靶标

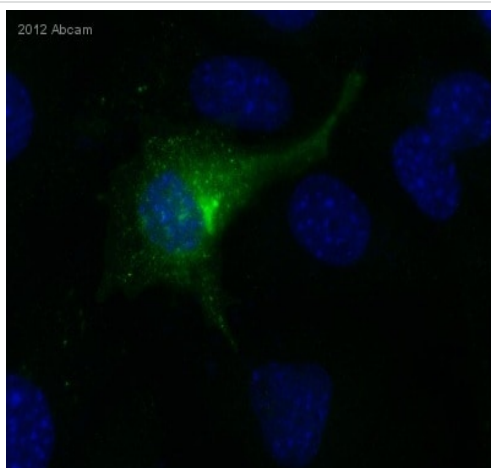
相关性	This is a useful tool for the localisation and characterisation of DDDDK tagged proteins (Binds to FLAG® tag sequence).
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图片



Immunocytochemistry - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody (ab1162)

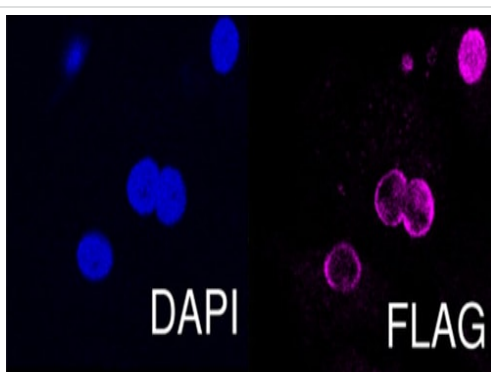
Immunofluorescent analysis of A293 cells labeling FLAG®-VPS35 with ab1162 at 10 µg/ml. The nuclear counter stain is DAPI (blue).



Immunocytochemistry - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody (ab1162)

This image is courtesy of an anonymous Abreview

ab1162 staining DDDDK tag in hTERT-RPE1 by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with Paraformaldehyde, permeabilized with Saponin and blocked with 0.02% BSA for 20 minutes at 18°C. Samples were incubated with primary antibody (1/100) for 45 minutes at 18°C. A Cy3®-conjugated Donkey anti-rabbit polyclonal was used as the secondary antibody.



Immunocytochemistry - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody (ab1162)

Image from Kapoor N et al., J Biol Chem. 2011 Apr 22;286(16):14073-9. Epub 2011 Jan 4. Fig 1A; doi: 10.1074/jbc.M110.185298; April 22, 2011 The Journal of Biological Chemistry, 286, 14073-14079.

ab1162 staining DDDDK tag (pink) in neonatal rat cardiomyocytes transduced with Ad-TBX18/FLAG®-IRES-GFP by Immunocytochemistry/ Immunofluorescence.

Cells were fixed with paraformaldehyde, permeabilized with 0.1% Triton X-100 and incubated with primary antibody. An Alexa Fluor®-conjugated anti-rabbit IgG was used as the secondary antibody. Nuclei were stained with DAPI (blue).

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