

Product datasheet

Anti-DDDDK tag antibody - (Equivalent to FLAG antibodies from Sigma) ab1162

★★★★☆ 15 Abreviews 67 References 画像数 3

製品の概要

製品名	Anti-DDDDK tag antibody - (Equivalent to FLAG antibodies from Sigma)
製品の詳細	Rabbit polyclonal to DDDDK tag - (Equivalent to FLAG antibodies from Sigma)
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF, ELISA, IP
種交差性	交差種: Species independent
免疫原	Peptide xxxDDDDK conjugated to KLH. xxx represents random amino acids. This sequence represents the Enterokinase Cleavage Site.
特記事項	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.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.1% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab1162** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

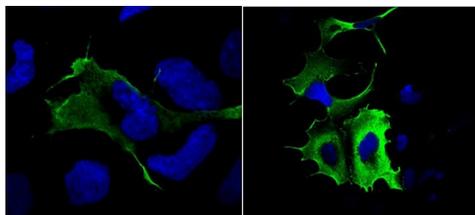
アプリケーション	Abreviews	特記事項
WB	★★★★☆	Use a concentration of 0.2 - 1 µg/ml. Antibody was analyzed by western blot using various amino-terminal and carboxy-terminal DDDDK fusion proteins and Invitrogen Positope" R900-40. A 1/5000 dilution gave bands against 0.1, 1.0 and 10 ng of the fusion proteins and 100 ng and 25 ng of the Positope.
ICC/IF	★★★★☆	Use at an assay dependent concentration.
ELISA		Use a concentration of 1 - 5 µg/ml. As coating antibody in sELISA.
IP		1/40. PubMed: 25419851

ターゲット情報

関連性

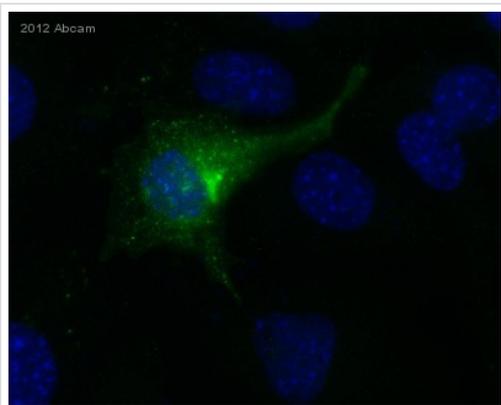
This is a useful tool for the localisation and characterisation of DDDDK tagged proteins.

画像



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

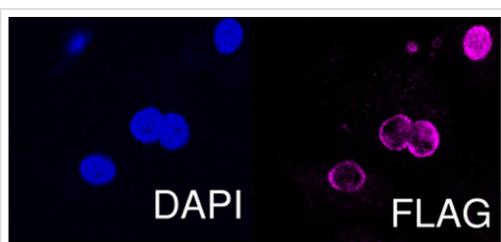
Immunocytochemistry/ Immunofluorescence - Anti-DDDDK tag antibody - (Equivalent to FLAG antibodies from Sigma) (ab1162)



Immunocytochemistry/ Immunofluorescence - Anti-DDDDK tag antibody - (Equivalent to FLAG antibodies from Sigma) (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/ Immunofluorescence - Anti-DDDDK tag antibody - (Equivalent to FLAG antibodies from Sigma) (ab1162)

Image from Kapoor N et al., J Biol Chem. 2011 Apr 22;286(16):14073-9. Epub 2011 Jan 4. Fig 1.; 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 AlexaFluor®-conjugated anti-rabbit IgG was used as the secondary antibody. Nuclei were stained with DAPI (blue).

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors