abcam

Product datasheet

FITC Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody ab2492

4 References

Overview

Product name	FITC Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody
Description	FITC Rabbit polyclonal to DDDDK tag (Binds to FLAG® tag sequence)
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Species independent
Immunogen	Synthetic peptide corresponding to DDDDK tag (Binds to FLAG® tag sequence). Peptide xxxDDDDK conjugated to KLH. xxx represents random amino acids. This sequence represents the Enterokinase Cleavage Site.
General notes	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. The molar F/P ratio is 4.1. FLAG® is a registered trade mark of Sigma Aldrich Biotechnology LP. It is used here for informational purposes only. 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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.2% BSA
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab2492 in the following tested applications.

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

Application	Abreviews	Notes
WB		

Application notes Prior to conjugation the 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.
Optimal working dilutions should be determined for your particular assay conditions.

Target

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

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