



Product datasheet

Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [F-tag-01] ab18230

★★★★★ [7 Abreviews](#) [36 References](#) [3 Images](#)

Overview

Product name	Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [F-tag-01]
Description	Mouse monoclonal [F-tag-01] to DDDDK tag (Binds to FLAG® tag sequence)
Host species	Mouse
Tested applications	Suitable for: ICC, ICC/IF Unsuitable for: IP
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide corresponding to DDDDK tag (Binds to FLAG® tag sequence) conjugated to keyhole limpet haemocyanin. Sequence: DYKDDDDK
	 Run BLAST with  Run BLAST with
Positive control	WB: HEK293 cells transfected with vector overexpressing DDDDK tag; ICC/ IF: transfected HEK293 cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.40

	Preservative: 0.097% Sodium azide
	Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	F-tag-01
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab18230 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

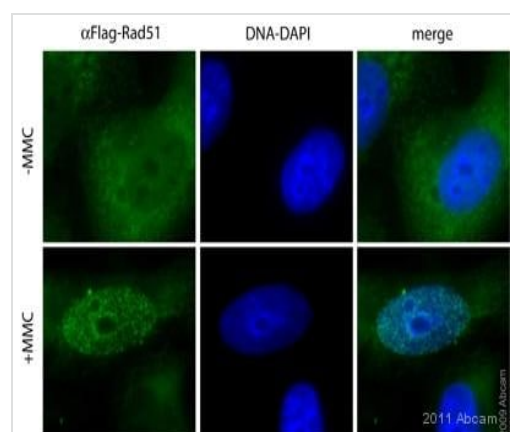
Application	Abreviews	Notes
ICC		Use a concentration of 2 - 10 µg/ml.
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.

Application notes Is unsuitable for IP.

Target

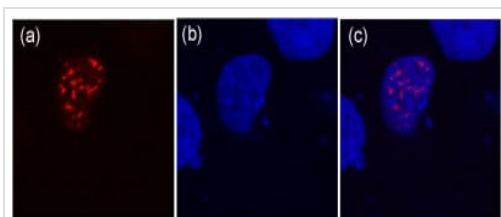
Relevance This is a useful tool for the localisation and characterisation of DDDDK tagged proteins (Binds to FLAG® tag sequence).

Images



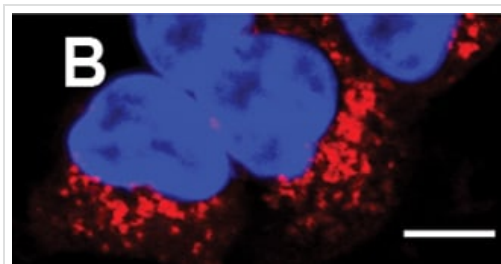
ab18230 staining DDDDK tag in Human HeLa, cervical carcinoma cells by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with 0.3% tween20 and blocked with 0.5% BSA for 1 hour at 22°C. Samples were incubated with primary antibody (1/200 in PBS) for 24 hours at 4°C. Ab8517 (1/200) was used as the secondary antibody

Immunocytochemistry/ Immunofluorescence - Anti-DDDDK tag (Binds to FLAG® tag sequence)
antibody [F-tag-01] (ab18230)
Image courtesy of an anonymous AbReview



Immunocytochemistry - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [F-tag-01] (ab18230)

- (a) Fusion of nuclear protein stained with ab18230 (red)
- (b) Cell nuclei stained with DAPI (blue)
- (c) Merge of (a) and (b) confirming nuclear localisation of the fusion protein.



Immunofluorescence analysis of transfected HEK293 cells, staining DDDDK tag with ab18230 at 1/200 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [F-tag-01] (ab18230)

Image from Ögmundsdóttir MH et al., PLoS One. 2012;7(5):e36616. Epub 2012 May 4. Fig 1.; doi:10.1371/journal.pone.0036616; May 4, 2012, PLoS ONE 7(5): e36616.

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

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