



[Go to Product page](#)

Datasheet for ABIN302065
anti-DDDDK Tag antibody

4 Images

2 Publications

Overview

Quantity:	0.1 mg
Target:	DDDDK Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDDDK Tag antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide: DYKDDDDK conjugated to KLH
Sequence:	DYKDDDDK
Clone:	F-tag-01
Isotype:	IgG1
Specificity:	The mouse monoclonal antibody F-tag-01 recognizes DDDDK-tagged proteins in all species. The small size of this tag and its high hydrophilicity decrease the probability of interference with its expression, proteolytic maturation, antigenicity, localization and function.
Cross-Reactivity (Details):	Recognizes fusion proteins in all species
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target: DDDDK Tag

Abstract: [DDDDK Tag Products](#)

Target Type: Tag

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze.**

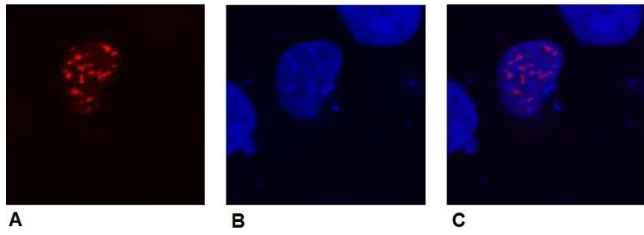
Storage: 4 °C

Storage Comment: Store at 2-8°C. Do not freeze.

Publications

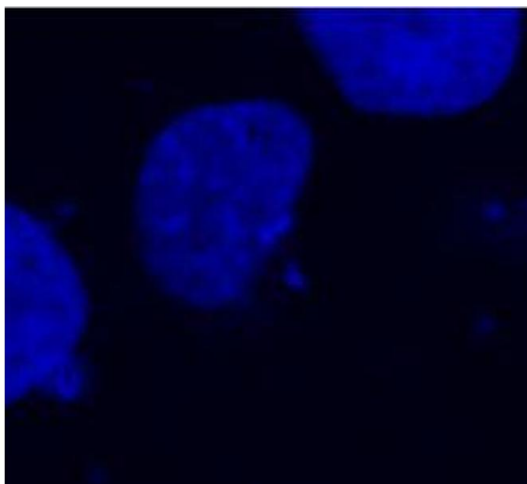
Product cited in: Lukas, Mazna, Valenta, Doubravska, Pospichalova, Vojtechova, Fafilek, Ivanek, Plachy, Novak, Korinek: "Dazap2 modulates transcription driven by the Wnt effector TCF-4." in: **Nucleic acids research**, Vol. 37, Issue 9, pp. 3007-20, (2009) ([PubMed](#)).

Valenta, Lukas, Doubravska, Fafilek, Korinek: "HIC1 attenuates Wnt signaling by recruitment of TCF-4 and beta-catenin to the nuclear bodies." in: **The EMBO journal**, Vol. 25, Issue 11, pp. 2326-37, (2006) ([PubMed](#)).



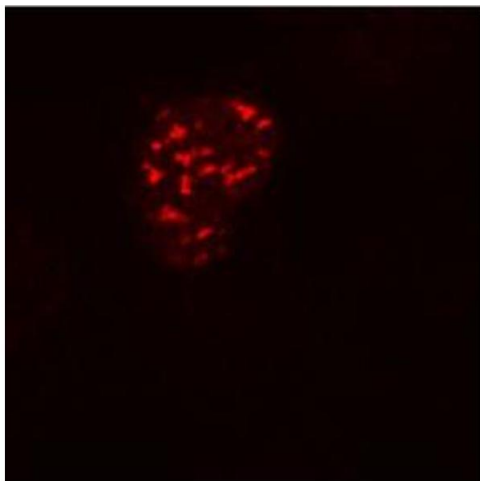
Immunocytochemistry

Image 1. Immunocytochemistry (confocal microscopy) of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. A - fusion nuclear protein (red) stained with purified anti-DDDDK (F-tag-01) (detection by Goat anti-mouse IgG1 Alexa Fluor 594) B - cell nuclei stained with DAPI (blue) C - merged figures - confirmation of nuclear localization of the fusion protein, cell nuclei stained with DAPI (blue)



Confocal Microscopy

Image 2. Fig. A Fusion nuclear protein Fig. B Cell nuclei Fig. C Merged figures A + B Fig. 1. Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. 1A - fusion nuclear protein (red) stained with purified anti-DDDDK (F-tag-01) (detection by Goat anti-mouse IgG1 Alexa Fluor® 594) 1B - cell nuclei stained with DAPI (blue) 1C - merged figures - confirmation of nuclear localization of the fusion protein; cell nuclei stained with DAPI (blue)



Confocal Microscopy

Image 3. Fig. A Fusion nuclear protein Fig. B Cell nuclei Fig. C Merged figures A + B Fig. 1. Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. 1A - fusion nuclear protein (red) stained with purified anti-DDDDK (F-tag-01) (detection by Goat anti-mouse IgG1 Alexa Fluor® 594) 1B - cell nuclei stained with DAPI (blue) 1C - merged figures - confirmation of nuclear localization of the fusion protein; cell nuclei stained with DAPI (blue)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN302065.