



Datasheet for ABIN535249
anti-DDDDK Tag antibody



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1 Image

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Overview

Quantity:	100 µg
Target:	DDDDK Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDDDK Tag antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic peptide of DDDDK.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to DDDDK tag.
Sequence:	DYKDDDDK
Clone:	F-tag-01
Isotype:	IgG1
Specificity:	This antibody 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. Recognizes fusion proteins in all species.

Target Details

Target:	DDDDK Tag
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Target Details

Abstract: [DDDDK Tag Products](#)

Target Type: Tag

Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS, pH 7.4 (0.09 % 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.

Storage: 4 °C

Storage Comment: Store at 4°C. Do not freeze.
Aliquot to avoid repeated freezing and thawing.

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](#)).

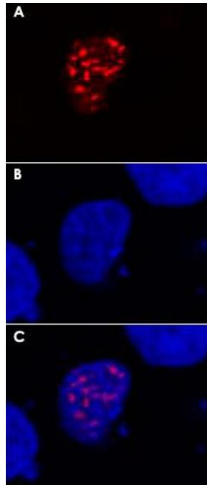


Image 1. Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. A : Fusion nuclear protein (red) stained with DDDDK monoclonal antibody, clone F-tag-01 (detection by Goat anti-mouse IgG1 Alexa Fluor® 594). B : Cell nuclei stained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