

Product name:	DYKDDDK
Cat number:	MAB-10418
Conjugate:	Unconjugated
Size:	100 ug
Clone:	F-tag-01
Concentration:	1mg/mL
Host:	Ms
Isotype:	IgG1
Immunogen:	Synthetic peptide: DYKDDDDK conjugated to KLH
Reactivity:	All Species
Applications:	Immunocytochemistry Western Blotting
Purification:	Purified by protein-A affinity chromatography
Form:	Liquid
Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage:	Store at 2-8oC. Do not freeze
Background:	The 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.

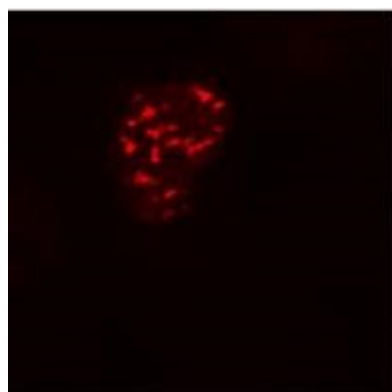


Fig. 1A Fusion nuclear protein
Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. 1A - fusion nuclear protein (red) stained with purified anti-DDDDK (F-tag-01) (detection by Goat anti-mouse IgG1 Alexa Fluor® 594)

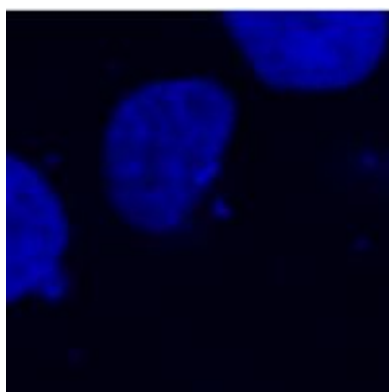
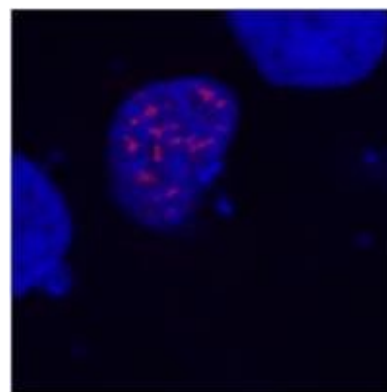


Fig. 1B Cell nuclei 1B - cell nuclei stained with DAPI (blue)



1C - merged figures - confirmation of nuclear localization of the fusion protein; cell nuclei stained with DAPI (blue)