

# Product Datasheet

## DYKDDDDK Epitope Tag Antibody (F-tag-01) - BSA Free NB500-554

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-554****DYKDDDDK Epitope Tag Antibody (F-tag-01) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	F-tag-01
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Target Molecular Weight</b>	1.01 kDa

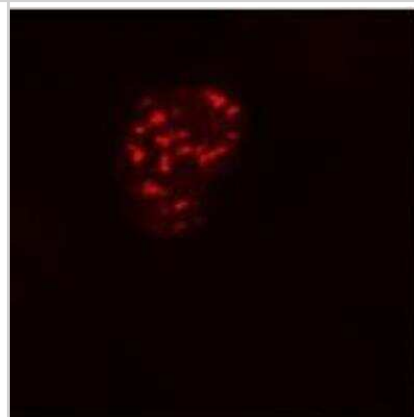
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse DYKDDDDK Epitope Tag Antibody (F-tag-01) - BSA Free (NB500-554) is a monoclonal antibody validated for use in WB and ICC/IF. Anti-DYKDDDDK Epitope Tag Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Non-species specific, Epitope Tag
<b>Reactivity Notes</b>	Tag specific
<b>Specificity/Sensitivity</b>	DYKDDDDK Epitope Tag 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.
<b>Immunogen</b>	DYKDDDDK Epitope Tag Antibody (F-tag-01) was made to a Synthetic peptide: DYKDDDDK conjugated to KLH.
<b>Notes</b>	FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000



## Images

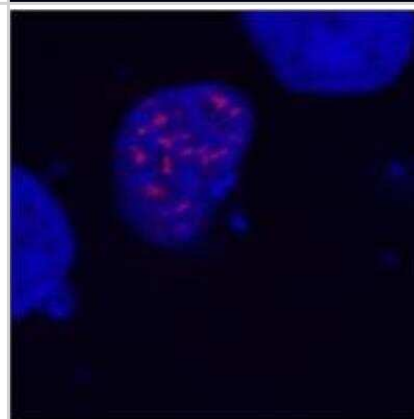
Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] - Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. Fusion nuclear protein (red) stained with purified DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] (detection by Goat anti-mouse IgG1 Alexa Fluor 594).



Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] - Immunocytochemistry (confocal microscopy) of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] stained with DAPI (blue).



Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] - Immunocytochemistry (confocal microscopy) of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554]. Merged figures - confirmation of nuclear localization of the fusion protein; cell nuclei stained with DAPI (blue).



## Publications

Darwish GH, Massey M, Daudet G et al. Tetrameric Antibody Complexes and Affinity Tag Peptides for the Selective Immobilization and Imaging of Single Quantum Dots Bioconjugate chemistry 2023-05-27 [PMID: 37243625] (Epitope Tag)



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### **Products Related to NB500-554**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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