

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**

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	F-tag-01
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	1.01 kDa

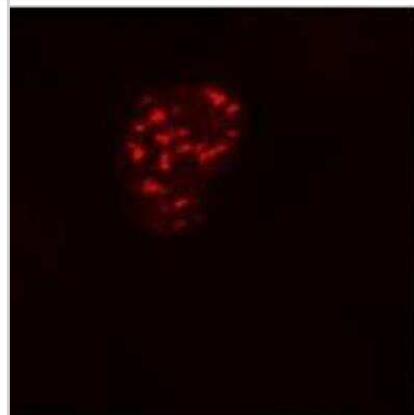
Product Description	
Host	Mouse
Species	Epitope Tag
Reactivity Notes	Tag specific
Specificity/Sensitivity	DYKDDDDK Epitope Tag Antibody (F-tag-01) recognizes DDDDK-tagged proteins in all species. The small size of this tag and its high hydrophilicity decrease the probability of interference with its expression, proteolytic maturation, antigenicity, localization and function.
Immunogen	DYKDDDDK Epitope Tag Antibody (F-tag-01) was made to a Synthetic peptide: DYKDDDDK conjugated to KLH.
Notes	FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.

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



Images

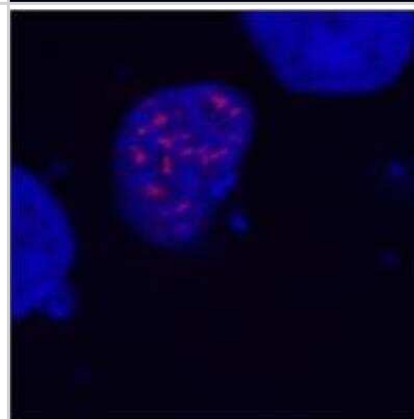
Immunocytochemistry/Immunofluorescence: DYKDDDDK Epitope Tag Antibody (F-tag-01) [NB500-554] - Confocal microscopy of COS-7 cells transfected with expression constructs encoding fusion nuclear protein with DDDDK epitope. Fusion nuclear protein (red) stained with purified DYKDDDDK Epitope Tag Antibody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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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