

Product Datasheet

DYKDDDDK Epitope Tag Antibody (OTI4C5) NBP1-71705

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-71705**DYKDDDDK Epitope Tag Antibody (OTI4C5)**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4C5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A or G purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse DYKDDDDK Epitope Tag Antibody (OTI4C5) (NBP1-71705) is a monoclonal antibody validated for use in WB, Flow, ICC/IF, Simple Western and IP. Anti-DYKDDDDK Epitope Tag Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Reactivity Notes	DDK epitope tag (DYKDDDDK)
Specificity/Sensitivity	The anti-DDK (also known as Flag (R)) antibody recognizes over expressed recombinant proteins containing the DDK epitope tag (DYKDDDDK) fused to either the amino- or carboxy-termini of targeted proteins in transfected mammalian cells or other expression systems.
Immunogen	Anti-DDK monoclonal antibody is produced by immunizing mice with a synthetic peptide (DYKDDDDK) coupled to KLH.
Notes	FLAG(R) and ANTI-FLAG(R) are registered trademarks of Sigma-Aldrich Co. LLC.
Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000, Simple Western 1:250, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000, Immunoprecipitation 1:200
Application Notes	<p>Only recognizes n-terminal form in Simple Western. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue. This product is intended for use as a positive control in Western Blot. Overexpression of the target protein was confirmed using an antibody to DDK (FLAG) epitope tag (NBP1-71705) present on the protein construct.</p> <p>Each vial of cell lysate contains 100ug of total protein which should be sufficient for 20-50 reactions. Depending on over-expression level, antibody affinity and detection system, some lysates can go as low as 0.1 ug per load. We recommend starting with 5ug of cell lysate. Add an equal amount of cell lysate and 2X SDS Sample buffer and boil the SDS samples for 10 minutes before loading.</p>

Publications

Burton TD, Fedele AO, Xie J et al. The gene for the lysosomal protein LAMP3 is a direct target of the transcription factor ATF4 J. Biol. Chem. 2020-04-20 [PMID: 32312748]



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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