

Product Datasheet

His Tag Antibody (33D10.D2.G8) [DyLight 680] NBP1-97332

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP1-97332

His Tag Antibody (33D10.D2.G8) [DyLight 680]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	33D10.D2.G8
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG1 Kappa
Conjugate	DyLight 680
Purity	Protein A purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This protein-A purified antibody is directed against the 6X His motif and is useful in determining its presence in various assays</p>
Host	Mouse
Species	Epitope Tag
Reactivity Notes	6x His tag specific
Specificity/Sensitivity	This protein-A purified antibody is directed against the 6X His motif and is useful in determining its presence in various assays. This monoclonal anti-6X His tag antibody detects over-expressed proteins containing the 6X His epitope tag. To date, this antibody has reacted with all His tagged proteins so far tested. In western blotting of bacterial extracts, the antibody does not cross-react with endogenous proteins. The antibody recognizes the His-tag (His-His-His-His-His-His) fused to either the amino- or carboxy-termini of targeted proteins in transfected or transformed cells.
Immunogen	His Tag Antibody (33D10.D2.G8) was produced in mice by repeated immunizations with 6X His epitope tag peptide H-H-H-H-H-H conjugated to KLH using maleimide.
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot >1:10000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence >1:5000, Fluorophore-linked immunosorbent assay 1:100 - 1:2000

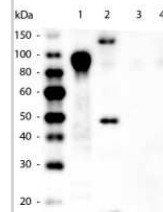


Application Notes

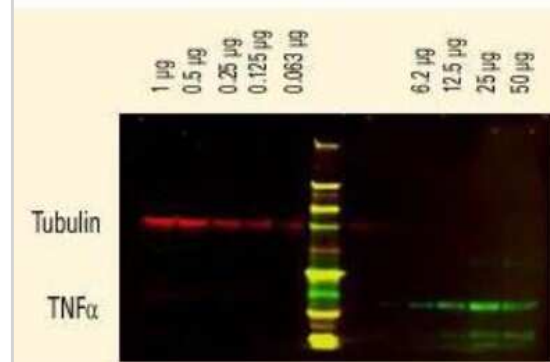
This product has been tested by ELISA and Western blot. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA), fluorescent polarization, FRET and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Images

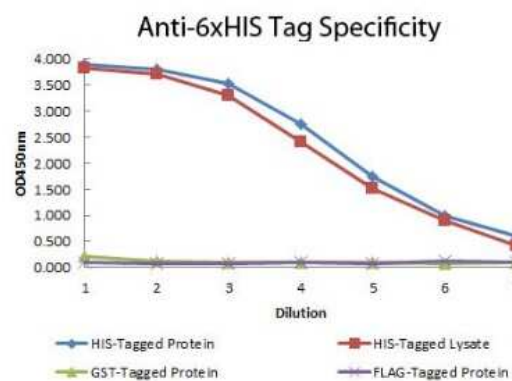
Western Blot: His Tag Antibody (33D10.D2.G8) [DyLight 680] [NBP1-97332] - 6x HIS Monoclonal Antibody DyLight 680 Conjugated



Western Blot: His Tag Antibody (33D10.D2.G8) [DyLight 680] [NBP1-97332] - His Tag Antibody (33D10.D2) [DyLight 680] [NBP1-97332] - Dylight conjugated antibody.



ELISA: His Tag Antibody (33D10.D2.G8) [DyLight 680] [NBP1-97332] - 6x HIS Monoclonal Antibody DyLight 680 Conjugated





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Products Related to NBP1-97332

NBP1-43319FR-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 680]
NBP1-97329	His Tag Antibody (33D10.D2.G8) [DyLight 488]

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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