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Datasheet for W00-001-383

DYKDDDDK (FLAG®) Positive Control Lysate

Overview

Description:	DYKDDDDK (FLAG®) Positive Control Lysate - W00-001-383
Item No.:	W00-001-383
Size:	0.2 mL
Applications:	SDS-PAGE, WB
Expressed in:	E. coli

Product Details

Background:	This product is intended as a positive control for use with Rockland Immunochemicals anti-DYKDDDDK (FLAG®) tag antibodies.
Synonyms:	DDK, FLAG, FLAG antibody, anti-Flag, anti-DDK, DDK antibody, FLAG Positive Control Lysate
Expressed in:	E. coli

Target Details

Purity/Specificity:	Lysates are supplied in 1X loading buffer and is ready-to-use. Supplied in denaturing buffer WITHOUT dissociating agents (i.e. no 2-mercaptoethanol or dithiothreitol has been added).
Relevant Links:	• DYKDDDDK (FLAG) IP Protocol

Application Details

Tested Applications:	SDS-PAGE, WB
Application Note:	W00-001-383 has been tested by SDS-PAGE and western blot. Ready-to-use lysates are especially prepared as positive controls for separation by SDS-PAGE and subsequent western blot analysis. If dissociating conditions are desired, add reducing agent prior to heating. Gently invert vial several times to ensure that the solution is homogeneous and that any precipitated material is re-dissolved. A loading volume of 0.25 to 2 µL is recommended for SDS-PAGE.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

WB:	Yes - User Optimized

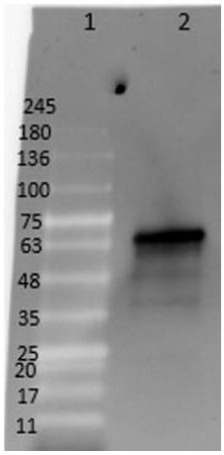
Formulation

Physical State:	Liquid
Concentration:	1.0mg/mL by modified Lowry assay
Buffer:	1X SDS-PAGE Sample Buffer (62.5 mM Tris HCl, 2% SDS, 10% Glycerol and 0.005% bromophenol blue, pH 6.8)
Preservative:	None
Stabilizer:	10% (v/v) Glycerol

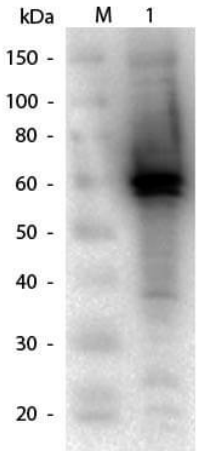
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -70° C or COLDER. For extended storage, aliquot contents to minimize freeze/thaw cycles.
Expiration:	Expiration date is three (3) months from date of receipt.

Images



Western Blot
Western Blot of DYKDDDDK (FLAG®) Positive Control Lysate. Lane 1: Opal Pre-stained Protein Standard 10-245kDa (p/n MB-210-0500). Lane 2: FLAG positive control lysate (p/n W00-001-383) 10ug. Block: Blocking Buffer for Fluorescent Western Blotting (p/n MB-070) for 1 hr at RT. Detection Antibody: Anti-FLAG DyLight 488 (p/n: 200-341-383) at 1:10,000 for 1 hr at RT. Expect a band ~64kDa.



Western Blot

Western Blot of DYKDDDDK (FLAG®) Positive Control Lysate. Lane 1: DYKDDDDK (FLAG®) Positive Control Lysate. Load: 10 µg per lane. Primary antibody: Flag Antibody at 1:1,000 overnight at 4°C. Secondary antibody: Mouse secondary antibody at 1:40,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 60 kDa for DYKDDDDK tagged recombinant protein.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.