

Datasheet for ABIN1607004

DYKDDDDK Positive Control Lysate**2** Images[Go to Product page](#)

Overview

Quantity:	0.2 mL
Target:	DYKDDDDK Tag
Protein Species:	Tag
Species of Lysate:	Human Cells
Application:	Positive Control (PC), Western Blotting (WB)

Product Details

Endotoxin Level:	Low Endotoxin : No
Lysate Fraction:	Whole Cell Lysate
Lysate Type:	Overexpression Lysate
Lysed Cells:	HEK 293T Cells

Target Details

Target:	DYKDDDDK Tag
Abstract:	DYKDDDDK Tag Products
Target Type:	Tag
Background:	This product is intended as a positive control for use with anti-DYKDDDDK tag antibodies.

Application Details

Application Notes:	Ready-to-use lysates are especially prepared as positive controls for separation by SDS-PAGE
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Application Details

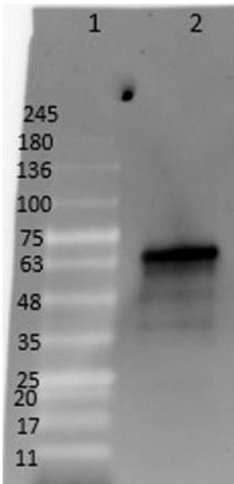
and subsequent western blot analysis. Lysates are prepared in denaturing buffer WITHOUT dissociating agents (i.e. no 2-mercaptoethanol or dithiothreitol has been added). If dissociating conditions are desired, add reducing agent prior to heating. Gently invert vial several times to ensure that the solution is homogeneous and that any precipitated material is re-dissolved. A loading volume of 0.25 to 2 µL is recommended for SDS-PAGE. The product is supplied in 1X loading buffer and is ready-to-use.

Restrictions: For Research Use only

Handling

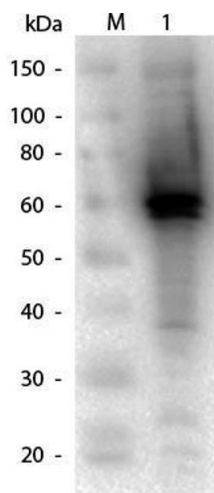
Format:	Liquid
Buffer:	1X SDS-PAGE Sample Buffer (62.5 mM Tris HCl, 2 % SDS, 10 % Glycerol and 0.005 % bromophenol blue, pH 6.8)
Storage:	-80 °C
Storage Comment:	Store vial at -70° C or COLDER. For extended storage, aliquot contents to minimize freeze/thaw cycles.
Expiry Date:	Expiration date is three (3) months from date of opening.

Validation report #101185 for Enzyme Immunoassay (EIA)



Western Blotting

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



Western Blotting

Image 2. 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: ABIN925618 for 30 min at RT. Predicted/Observed size: 60 kDa for DYKDDDDK tagged recombinant protein.