

Technical Data Sheet

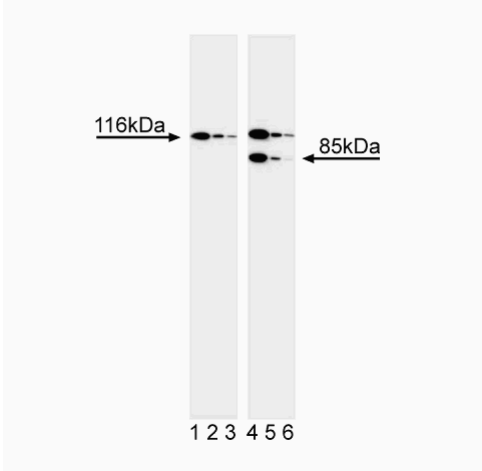
Jurkat Apoptotic Lysate Set I

Product Information

Material Number:	550959
Size:	500 µg
Component:	51-16606Y
Description:	Camptothecin Treated Jurkat Lysate
Size:	500 µg (1 ea)
Concentration:	1.0 mg/ml
Storage Buffer:	SDS-PAGE buffer (62mM Tris pH 6.8, 2% SDS, 0.9% b-mercaptoethanol, 0.003% bromophenol blue, 5% glycerol)
Component:	51-16506Y
Description:	Jurkat Control Lysate
Size:	500 µg (1 ea)
Concentration:	1.0 mg/ml
Storage Buffer:	SDS-PAGE buffer (62mM Tris pH 6.8, 2% SDS, 0.9% b-mercaptoethanol, 0.003% bromophenol blue, 5% glycerol)

Description

The Jurkat Apoptotic Lysate Set I is designed to be used as a western blot positive control for detecting antigens expressed during apoptosis. Jurkat cells in log-phase growth were either left untreated or treated with 4 µM camptothecin for 4 hours to induce apoptosis. The cells were collected, lysed in lysis buffer [1% SDS, 1 mM sodium orthovanadate, 10 mM Tris (pH 8.0)], and aliquoted in SDS sample buffer.



Western blot analysis of PARP. Untreated (lanes 1-3) and camptothecin treated (lanes 4-6) Jurkat cell lysates (Human T-cell leukemia; ATCC TIB-152) were probed with a mouse anti-PARP antibody (Cat. No. 556362) at concentrations of 2.0 µg/mL (lanes 1,4), 1.0 µg/mL (lanes 2,5) and 0.5 µg/mL (lanes 3,6). Intact PARP is identified as a band of ~ 113-116 kDa, and cleaved PARP as a band of ~85-89 kDa.

Preparation and Storage

Store undiluted at -20°C.
Do not dilute or boil.

Application Notes

Application

Western blot	Routinely Tested
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Recommended Assay Procedure:

Western blot: Please refer to http://www.bdbiosciences.com/pharmingen/protocols/Western_Blotting.shtml

Product Notices

- Since applications vary, each investigator should titrate the reagent to obtain optimal results.
- Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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