Noxa monoclonal antibody (114C307.1)

This antibody is covered by our Worry-Free Guarantee.

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ALX-804-408-C100	100µg

Manuals, SDS & CofA View Online »

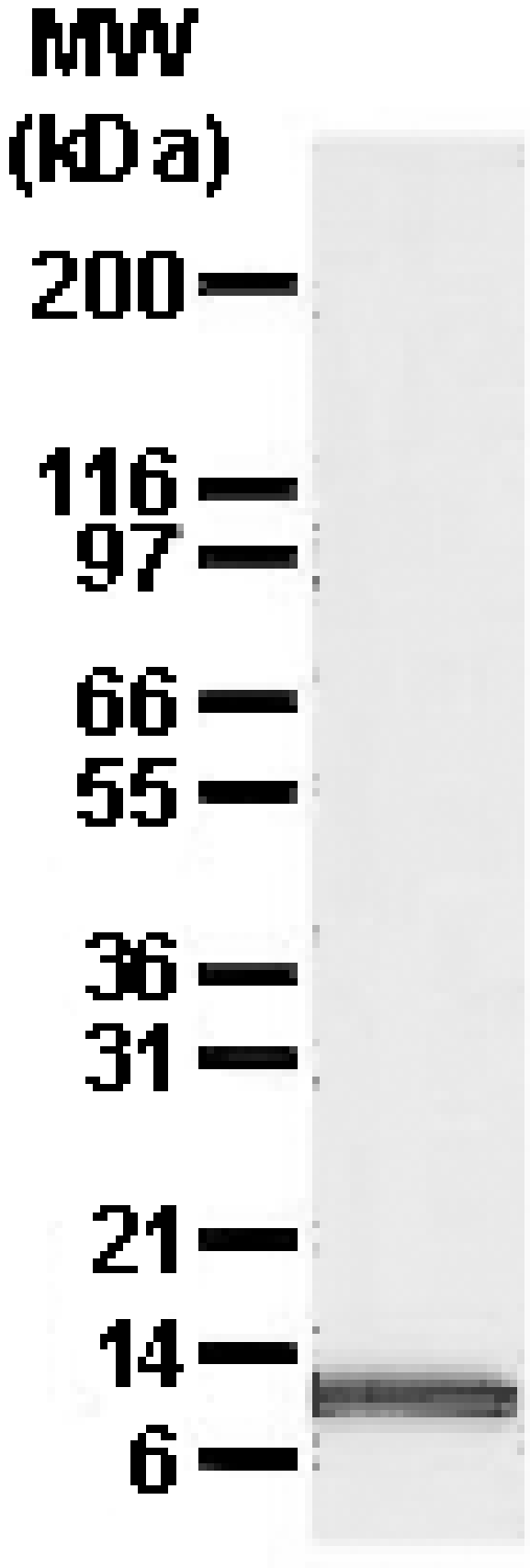
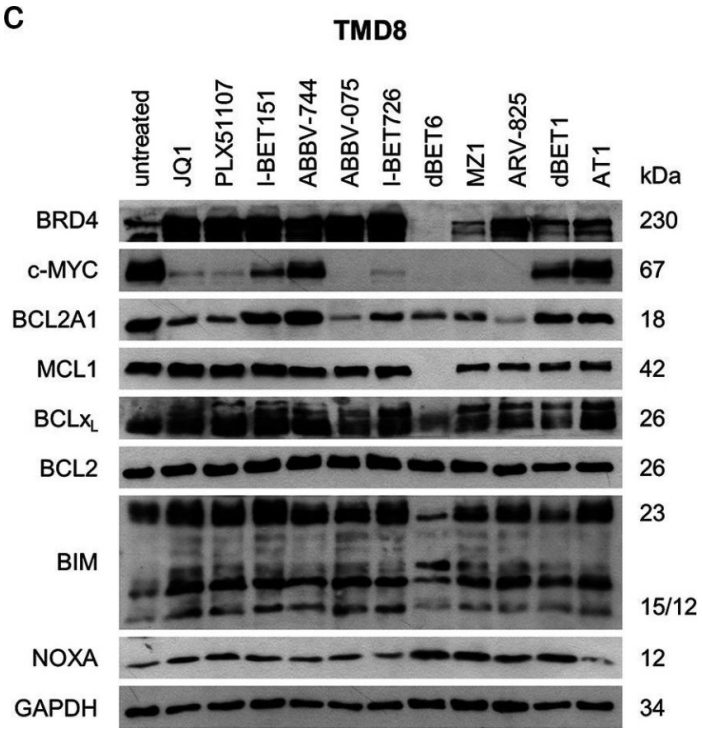
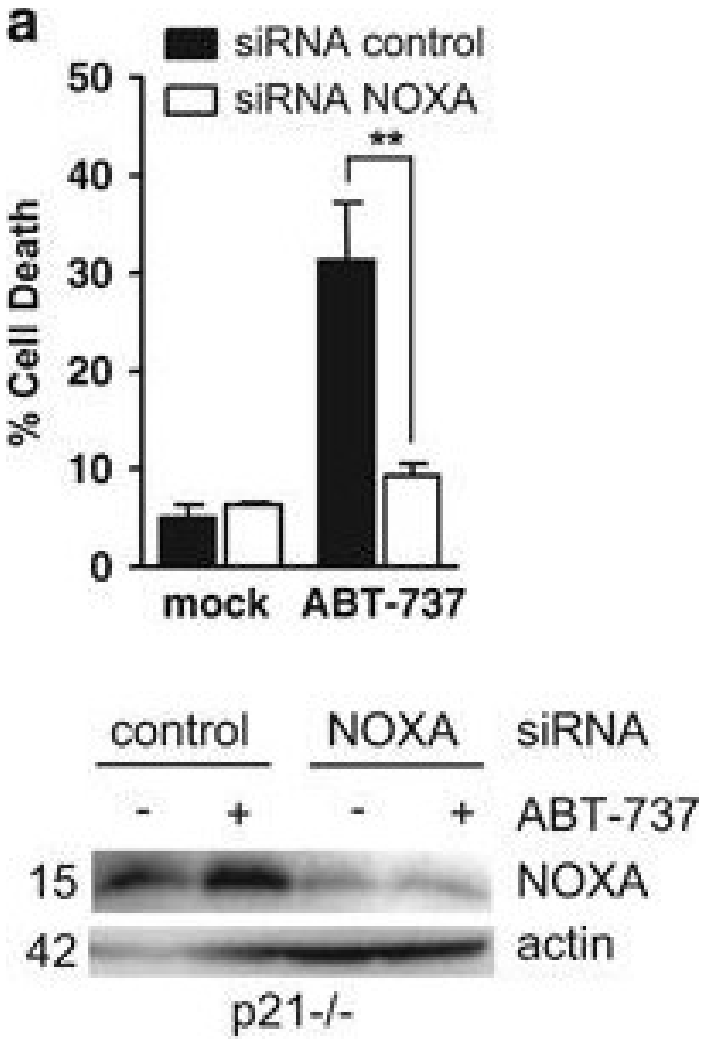


Figure: Western blot detection of Noxa in RL-7 cell (a follicular lymphoma) lysate. A protein band of approximate molecular weight of ~11kDa was detected using ALX-804-408 at 2µg/ml dilution.



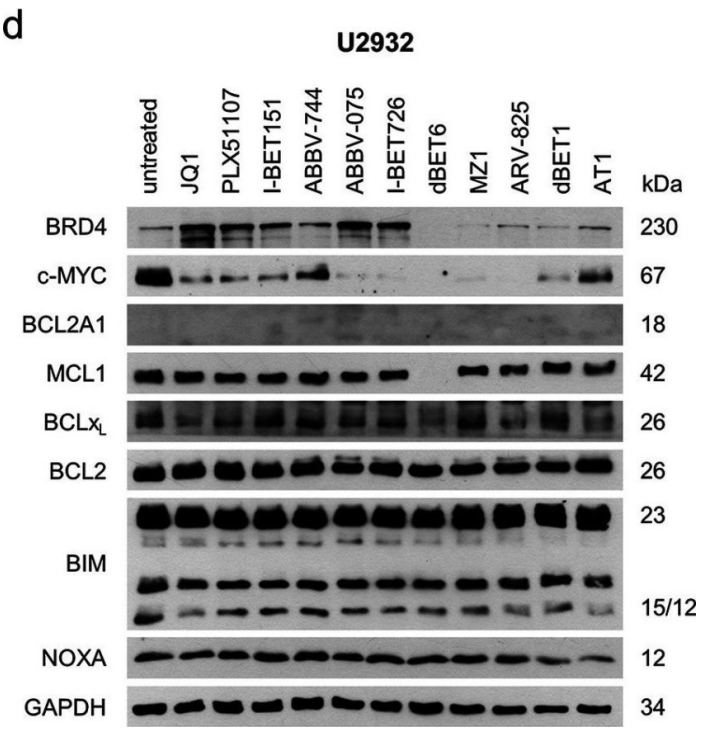
BET inhibitors/-degraders change the protein expression and induce cell death in DLBCL. a) Induction of cell death [%] after 24 h treatment with the indicated BET inhibitors/-degraders at 1µM measured by AnnexinV-FITC/PI staining and flow cytometry [data are shown as mean + standard deviation (SD) with n = 3]. b-d) Western Blot of BRD4, c-MYC and BCL2-familiy proteins after 24 h treatment with the indicated BET inhibitors/-degraders at 1µM in b) SUDHL2, c) TMD8 and d) U2932 cells with GAPDH serving as housekeeping control [one representative blot out of three independent experiments is shown]

Image collected and cropped by CiteAb under a CC-BY license from the following publication: Inhibition of bromodomain and extra-terminal proteins targets constitutively active NFκB and STAT signaling in lymphoma and influences the expression of the antiapoptotic proteins BCL2A1 and c-MYC. *Cell Commun Signal* (2024)



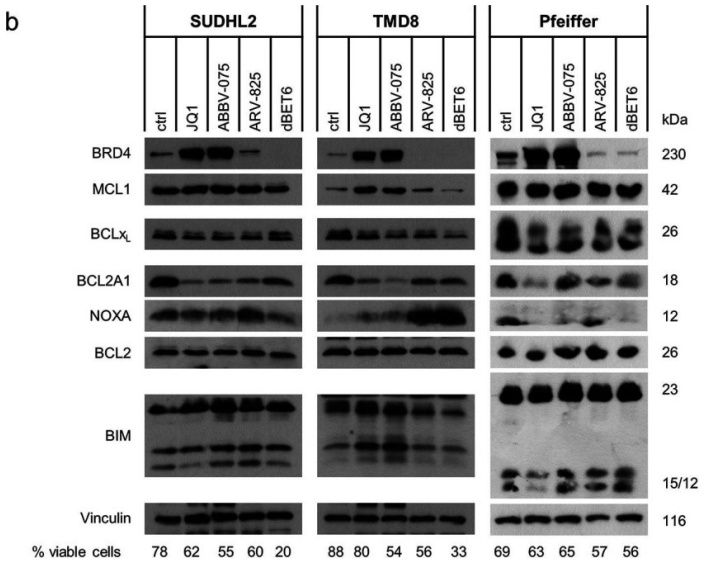
p53-independant induction of NOXA is involved in HCT116 p21−/− sensitivity to ABT-737. (a) HCT116 p21−/− cells were transfected by control or NOXA siRNAs for 48 h and treated for 24 additional hours by 2 μM ABT-737 before cell death analysis and western blot. (b) HCT116 p21−/− cells previously infected with a control or p53 shRNAs were treated by 2 μM ABT-737 for 24h before western blot analysis. (c) HCT116 p53−/− cells were transfected with pcDNA3 or pcDNA3-NOXA vector. Twenty-four hours later, cells were treated by 2 μM ABT-737 for 24 h before cell death analysis. Data presented are mean±S.E.M. of three independent experiments. **P<0.01

Image collected and cropped by CiteAb under a CC-BY license from the following publication: Constitutive p53 heightens mitochondrial apoptotic priming and favors cell death induction by BH3 mimetic inhibitors of BCL-xL. *Cell Death Dis* (2016)



BET inhibitors/-degraders change the protein expression and induce cell death in DLBCL. a) Induction of cell death [%] after 24 h treatment with the indicated BET inhibitors/-degraders at 1μM measured by AnnexinV-FITC/PI staining and flow cytometry [data are shown as mean + standard deviation (SD) with n = 3]. b-d) Western Blot of BRD4, c-MYC and BCL2-familiy proteins after 24 h treatment with the indicated BET inhibitors/-degraders at 1μM in b) SUDHL2, c) TMD8 and d) U2932 cells with GAPDH serving as housekeeping control [one representative blot out of three independent experiments is shown]

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Viability and protein levels are influenced by selected BET inhibitors/-degraders. a) Cell viability determined by CTG assay after 48 h treatment with the indicated BET inhibitors/ degraders in ABC and CGB cell lines [data are shown as mean +/- standard deviation (SD) with n = 3]. b) Western Blot of BRD4 and BCL2 familiy proteins in SUDHL2, TMD8 and Pfeiffer cells treated with JQ1 [1µM], ABBV-075 [SUDHL2 and Pfeiffer 100nM/TMD8 300nM], ARV-825 [SUDHL2 100nM/TMD8 30nM/Pfeiffer 10 nM] and dBET6 [SUDHL2 100nM/TMD8 30nM/Pfeiffer 10 nM]. Cell viability determined by AnnexinV-FITC/PI staining and flow cytometry after 24 h incubation is indicated below the Western blot [one representative blot out of three independent experiments is shown]

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Handling & Storage

Use/Stability	Stable for 6 months when stored at +4°C.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	ICC, IHC (PS), WB
Application Notes	Detects a band of ~11kDa by Western blot.
Clone	114C307.1
Formulation	Liquid. In PBS containing 0.05% sodium azide.
Host	Mouse
Immunogen	Recombinant human Noxa.
Isotype	IgG1
Purity Detail	Protein G-affinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (paraffin sections, 5µg/ml)Western Blot (1-2µg/ml)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human, Mouse
UniProt ID	Q13794
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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