Mcl-1 polyclonal antibody

Mcl-1 is a member of the Bcl-2 family that possesses anti-apoptotic activity. Mcl-1 is an immediate-early gene activated by the GMCSF as well as IL-3 signaling pathways and plays an important role in the viability response of these cytokines. Similar to all Bcl-2 family members, Mcl-1 contains BH1, BH2, and BH3 domains; however, unlike other members of this family, Mcl-1 has an extended N-terminal domain rich in PEST sequences, which probably accounts for the short half-life of this protein.

This antibody is covered by our Worry-Free Guarantee.

Citations: 24 View Online »

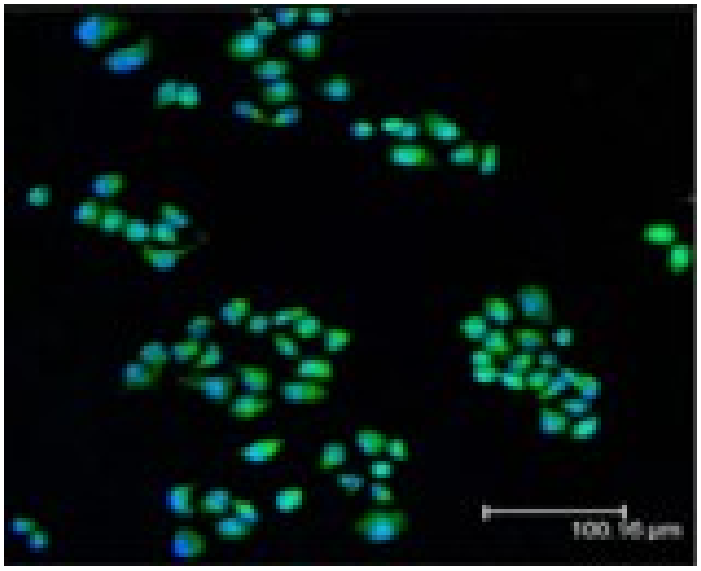
Ordering Information

Order Online »

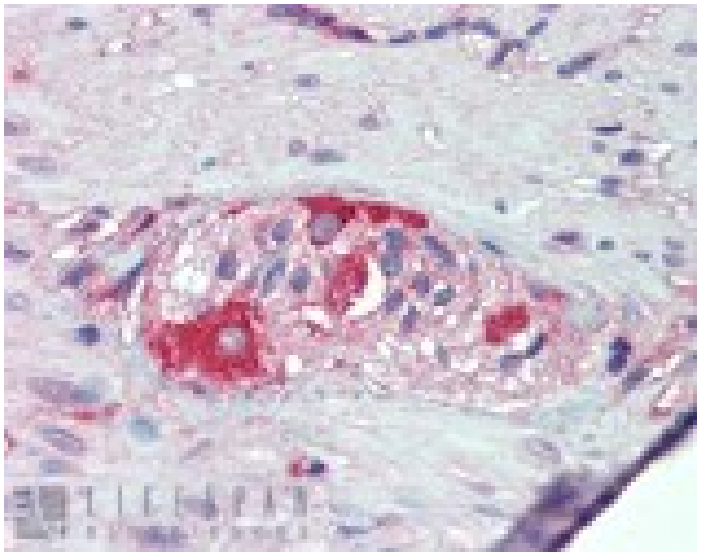
ADI-AAP-240-D	50µg
ADI-AAP-240-F	200µg

Manuals, SDS & CofA

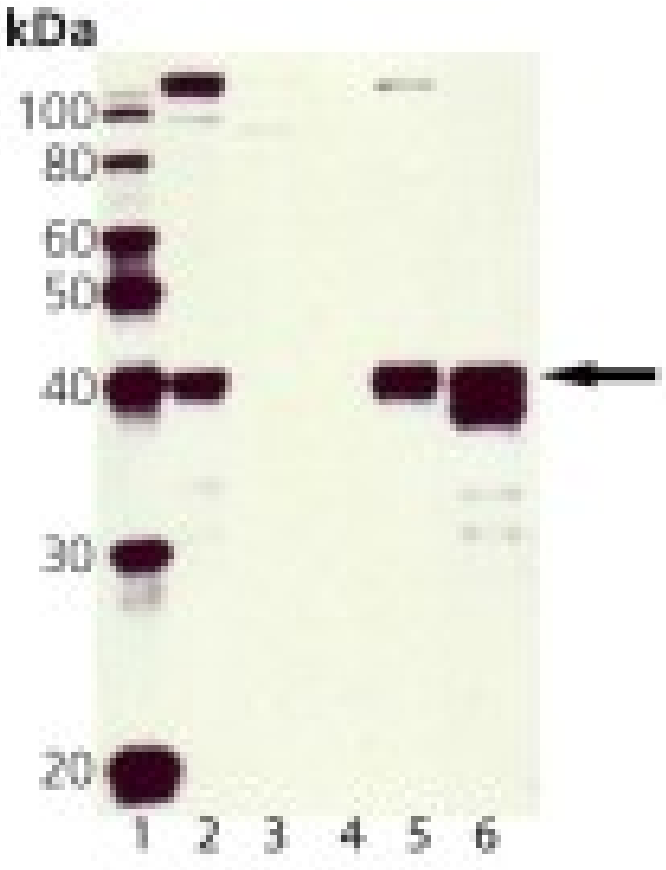
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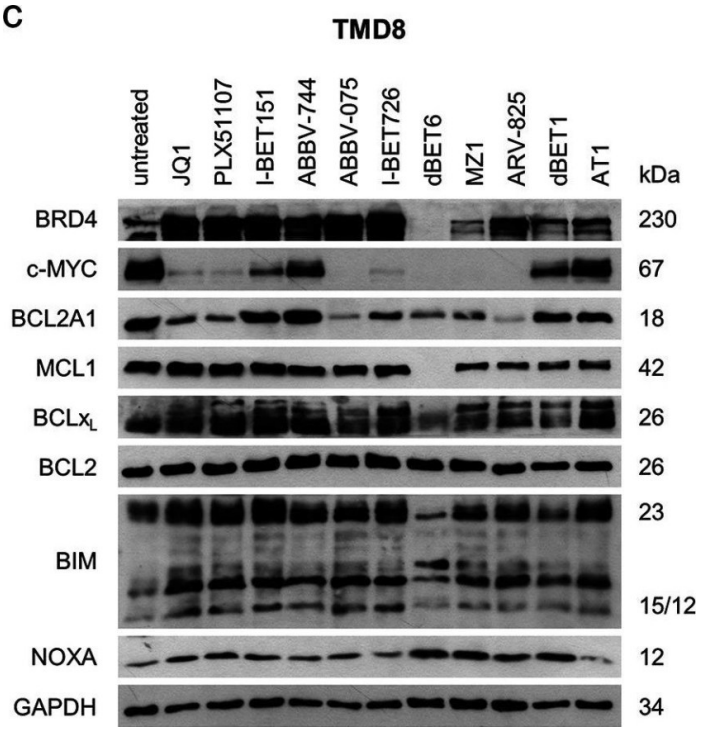
Immunofluorescent analysis (confocal) staining of HeLa cells using Mcl-1 pAb (green); nuclei are stained in blue pseudocolor using DRAQ5.



Immunohistochemistry analysis of human breast cancer tissue with Mcl-1 pAb.

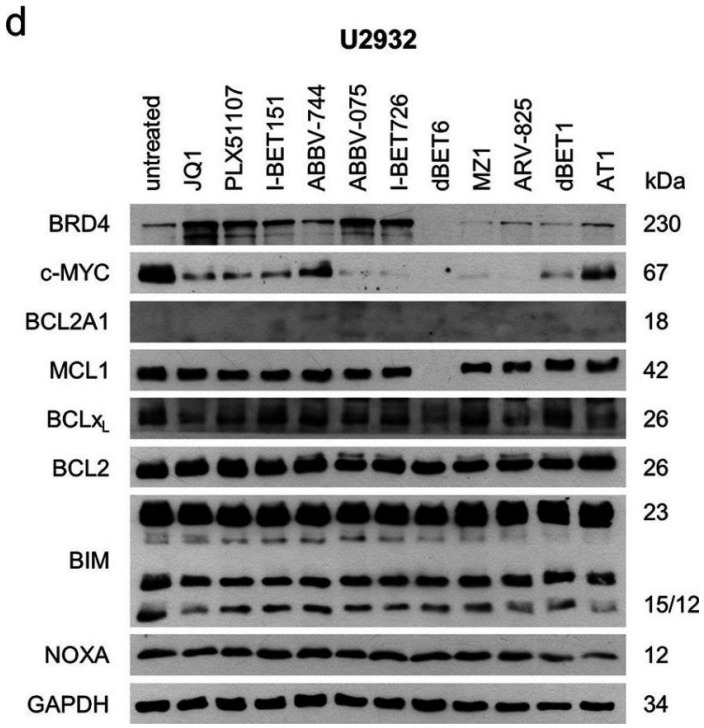


Western blot analysis of Mcl-1, pAb: Lane 1: MW marker, Lane 2: HeLa, Lane 3: 3T3, Lane 4: PC-12, Lane 5: MDCK, Lane 6: RK-13.



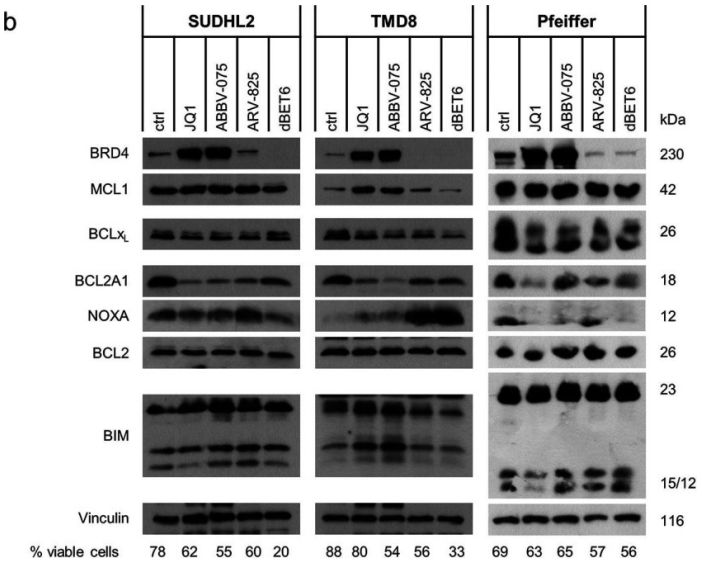
BET inhibitors/-degraders change the protein expression and induce cell death in DLBCL. a) Induction of cell death [%] after 24 h treatment with the indicated BET inhibitors/-degraders at 1µM measured by AnnexinV-FITC/PI staining and flow cytometry [data are shown as mean + standard deviation (SD) with 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

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Bcl-2-like protein 3
Application	IF, IHC (PS), WB
Application Notes	Detects a band of ~42/43kDa by Western blot.
Formulation	Liquid. In PBS containing 0.09% sodium azide.
GenBank ID	L08246
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human Mcl-1.
Purity Detail	Peptide affinity purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (paraffin sections, 1:50)Western Blot (1:500-1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Dog, Guinea pig, Human, Monkey, Porcine, Rabbit
UniProt ID	Q07820
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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