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Product datasheet for AM00009PU-N

BCL10 pSer138 (incl. pos. control) Mouse Monoclonal Antibody [Clone ID: 6D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6D3
Applications:	WB
Recommended Dilution:	**Western Blot:** 0.5 µg/ml for HRPO/ECL detection. *Recommended blocking buffer:* BSA/Tween 20 based blocking and blot incubation buffer. *Included Positive Control:* Cell lysate from serum starved SW480 cells (please see: 'Protocols').
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Phosphopeptide conjugated to KLH
Specificity:	This antibody specifically recognizes bcl-10 phosphorylated at Serine 138 at 32 kDa in Western blot.
Formulation:	1 ml 2 x PBS / 0.09% Sodium Azide / PEG and Sucrose. State: Purified State: Lyophilized purified IgG fraction.
Reconstitution Method:	Restore with 1 ml water (15 min, RT).
Purification:	Subsequent Thiophilic Adsorption and Size Exclusion Chromatography.
Conjugation:	Unconjugated
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and reconstituted (aliquote and freeze in liquid nitrogen) at -80°C. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	B-cell CLL/lymphoma 10
Database Link:	Entrez Gene 8915 Human O95999

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Background: Bcl-10 is an apoptosis-inducing molecule interacting with caspase 9. Bcl-10 enhances pro-caspase 9 processing and induces apoptosis through caspase 9 activation.

Synonyms: BCL10, CIPER, CLAP, cCARMEN, mE10, c-E10, hCLAP

Note: **Molecular Weight:** 32 kDa

Protocol: **Positive Control Cell Lysate:**
SW 480 Untreated

Format: Lyophilized cell lysate from serum starved SW480 cells.

Reconstitution: Restore by addition of 200 µl H2O. After complete solubilization add 200 µl 2x SDS-PAGE sample buffer, mix and incubate at 90°C for 5 min.

Application: The positive control cell lysate is recommended for immunoblot applications. 20 µl of positive control cell lysate correspond to ca. 20.000 cells.
Use 20 µl/lane (mini gel) for HRPO/ECL detection of the target proteins.
Please NOTE: The lyophilized cell lysates conatin SDS and are not recommended for applications with native proteins such as in immunoprecipitation.

Storage: Aliquote reconstituted product and store frozen. Avoid repeated fereezing and thawing.

Product images:

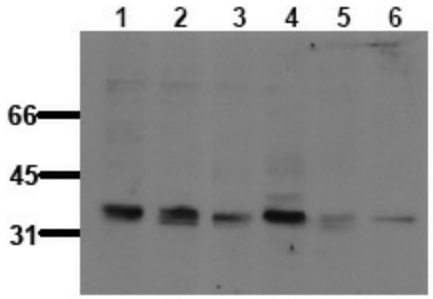

Figure 1. Detection of endogenous bcl-10 Whole cell lysates of serum starved tumor cells (20.000 cells per lane) were applied to SDS-PAGE and transferred to PVDF membranes. Immunoblots were probed with mab 6D3 (0.5 ug/ ml) for 1h at RT and developed by ECL (exp. time: 30 sec). lane 1: SW480; lane 2: SW620; lane 3: HT29; lane 4: MCF-7; lane 5: MDA-MB-231; lane 6: T47D