

Anti-Bcl-6 Antibody [JB18-48]

ET7107-80



Product Type:	Recombinant Rabbit monoclonal IgG, primary antibodies
Species reactivity:	Human, Mouse
Applications:	WB
Molecular Wt:	Predicted band size: 79 kDa
Clone number:	JB18-48

Description: Bcl-6, a transcriptional repressor, binds Stat recognition-like DNA elements and influences germinal center development and Th1/Th2 differentiation. Bcl-6 negatively regulates NFkB expression, thereby inhibiting NFkB-mediated cellular functions. HDAC- and silent information regulator (SIR)-2-dependent acet-ylation of Bcl-6 causes downregulation of activity by inhibiting the ability of Bcl-6 to recruit complexes containing histone deacetylases (HDACs). Bcl-6 is frequently deregulated in non-Hodgkin's B cell lymphomas. The human BCL6 gene has been shown to encode a protein of 706 amino acids.

Immunogen: Synthetic peptide within Human Bcl-6 aa 657-706 / 706.

Positive control: Ramos cell lysate, Raji cell lysate, Daudi cell lysate.

Subcellular location: Nucleus.

Database links: SwissProt: P41182 Human | P41183 Mouse

Recommended Dilutions:
WB 1:1,000-1:5,000

Storage Buffer: 1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Shipped at 4℃. Store at +4℃ short term (1-2 weeks). Store at -20℃ long term.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

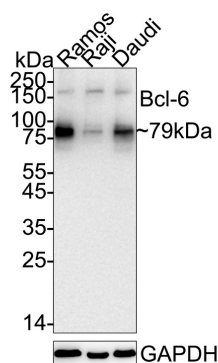
Images

Fig1: Western blot analysis of Bcl-6 on different lysates with Rabbit anti-Bcl-6 antibody (ET7107-80) at 1/2,000 dilution.

Lane 1: Ramos cell lysate

Lane 2: Raji cell lysate

Lane 3: Daudi cell lysate



Lysates/proteins at 20 µg/Lane.

Predicted band size: 79 kDa

Observed band size: 79 kDa

Exposure time: 30 seconds; ECL: K1801;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (ET7107-80) at 1/2,000 dilution was used in primary antibody dilution (K1803) at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1/50,000 dilution was used for 1 hour at room temperature.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Niu H et al. Antigen receptor signaling induces MAP kinase-mediated phosphorylation and degradation of the BCL-6 transcription factor. *Genes Dev* 12:1953-1961 (1998).
2. Shaffer A L et al. BCL-6 represses genes that function in lymphocyte differentiation, inflammation, and cell cycle control. *Immunity* 13:199-212 (2000).

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