

10-7557: Monoclonal Antibody to BCL-6 (Clone: ABM44G9)

Clonality :	Monoclonal
Clone Name :	ABM44G9
Application :	WB
Reactivity :	Human
Gene :	BCL6
Gene ID :	604
Uniprot ID :	P41182
Format :	Purified
Alternative Name :	BCL6,BCL5,LAZ3,ZBTB27,ZNF51
Isotype :	Mouse IgG2b Kappa
Immunogen Information :	A partial length recombinant BCL-6 protein (amino acids 200-401) was used as the immunogen for this antibody.

Description

BCL6 (B-cell lymphoma 6) is a 95 kDa zinc finger transcription factor and contains an N-terminal POZ domain. BCL6 is a transcriptional repressor and a master regulator of the germinal center (GC) B cell phenotype controlling its development and growth. BCL-6 modulates IL-4, BCR, and CD40L signals for normal B cell development. Altered BCL6 protein expression is implicated in pathogenesis of diverse human hematologic malignancies, especially in the diffuse large B cell lymphoma (DLBCL), the most common lymphoma in adults. BCL6 suppresses the expression of p53 (also known as tp53) tumor suppressor gene and modulates DNA damage-induced apoptotic responses in GC B cells.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

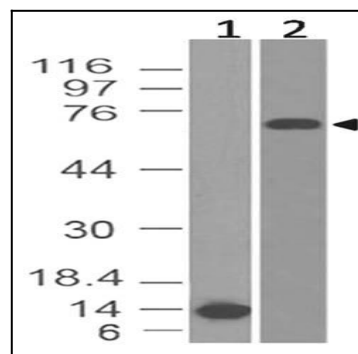


Fig-1: Western blot analysis of BCL-6. Anti- BCL-6 antibody (Clone: ABM44G9) was tested at 0.5 µg/ml and 2 µg/ml on (1) recombinant protein and (2) human brain lysates respectively