



BCL3 Monoclonal Antibody

Catalog No	YP-mAb-04932
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BCL3 BCL4 D19S37
Immunogen	Synthesized peptide derived from human protein . at AA range: 340-420
Specificity	BCL3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B-cell lymphoma 3 protein;BCL-3;BCL4;D19S37;Proto-oncogene BCL3;BCL3;BCL3 BCL4 D19S37;B-cell lymphoma 3 protein (BCL-3) (Proto-oncogene BCL3)
Observed Band	48-60 kDa
Calculated Molecular Weight	446 aa, 47 kDa
Cell Pathway	Nucleus. Cytoplasm . Cytoplasm, perinuclear region . Ubiquitination via 'Lys-63'-linked ubiquitin chains is required for nuclear accumulation. .
Tissue Specificity	Leukemia,Lung,
Function	disease:A chromosomal aberration involving BCL3 may be a cause of B-cell chronic lymphocytic leukemia (B-CLL). Translocation t(14;19)(q32;q13.1) with immunoglobulin gene regions.,function:Could be a transcriptional activating factor. Functions as a form of I-kappa-B specific for NF-kappa-B p50 subunit inhibiting its translocation to the nucleus.,PTM:Activated by phosphorylation.,similarity:Contains 7 ANK repeats.,subunit:Component of a complex consisting of the NF-kappa-B p52-p52 homodimer and BCL3. Component of a complex consisting of the NF-kappa-B p50-p50 homodimer and BCL3. Interacts with N4BP2 and COPS5.,

**Background**

This gene is a proto-oncogene candidate. It is identified by its translocation into the immunoglobulin alpha-locus in some cases of B-cell leukemia. The protein encoded by this gene contains seven ankyrin repeats, which are most closely related to those found in I kappa B proteins. This protein functions as a transcriptional co-activator that activates through its association with NF-kappa B homodimers. The expression of this gene can be induced by NF-kappa B, which forms a part of the autoregulatory loop that controls the nuclear residence of p50 NF-kappa B. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images