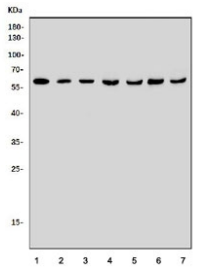
BCL3 Antibody (RQ6314)

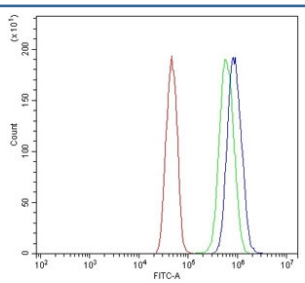
Catalog No.	Formulation	Size
RQ6314	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P20749
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This BCL3 antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse brain, 3) mouse Neuro-2a, 4) human HEK293, 5) human Jurkat, 6) human PC-3 and 7) human HeLa cell lysate with BCL3 antibody. Predicted molecular weight ~60 kDa.



Flow cytometry testing of human U-251 cells with BCL3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= BCL3 antibody.

Description

B-cell lymphoma 3-encoded protein is a protein that in humans is encoded by the BCL3 gene. 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. The BCL3 gene is mapped to human chromosome 19. This protein functions as a transcriptional coactivator 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.

Application Notes

Optimal dilution of the BCL3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E118-Y307) was used as the immunogen for the BCL3 antibody.

Storage

After reconstitution, the BCL3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.