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Product datasheet for TA306011

BCL10 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 ug/mL, ICC: 1 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Bcl10 antibody was raised against a peptide corresponding to amino acids near the amino terminus of human Bcl10.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	B-cell CLL/lymphoma 10
Database Link:	AF134395 Entrez Gene 8915 Human O95999

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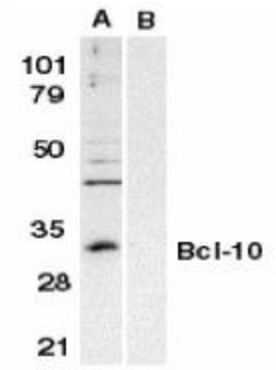
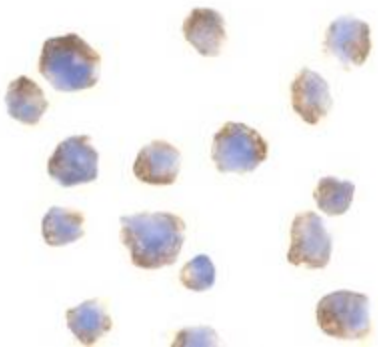
Background: Apoptosis is related to many diseases including cancer. Cell death signals are transduced by death domain (DD) and caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include ARC, RAIDD, Apaf-1, caspase-9, and caspase-2. A novel CARD containing protein was recently identified by several groups and designated Bcl10, CIPER, mE10, CARMEN, CLAP. Bcl10 is a cellular homolog of the equine herpesvirus-2 E-10 gene. Overexpression of Bcl10 induces JNK, p38, and NF-kappaB activation. Bcl10 interacts with caspase-9 and enhances pro-caspase-9 processing (3) and induces apoptosis through caspase-9 activation . Bcl10 exhibits a variety of mutations in MALT lymphomas and in B and T cell lineage lymphomas indicating that it may be commonly involved in the pathogenesis of human malignancy . Bcl10 is expressed in many human and murine tissues and cell lines.

Synonyms: c-E10; CARMEN; CIPER; CLAP; IMD37; mE10

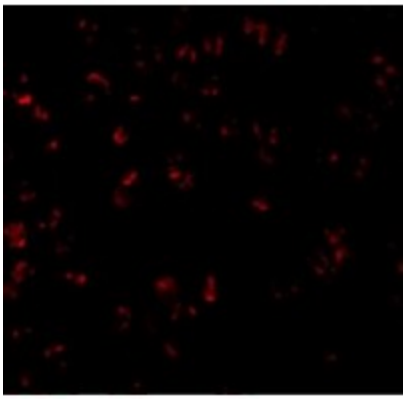
Product images:



Western blot analysis of Bcl-10 in Raji whole cell lysate in the absence (A) or presence (B) of peptide (2161P) with Bcl-10 antibody at 1:500 dilution.



Immunocytochemistry of Bcl10 in Raji cells with Bcl10 antibody at 1 ug/mL.



Immunofluorescence of Bcl-10 in Raji cells with Bcl-10 antibody at 10 ug/mL.