

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse, and rat Bcl-10 in Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 384202
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Bcl-10 Met1-Leu192 Accession # O95999
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

B cell CLL/leukemia 10 (Bcl-10), a 233 amino acid, 26.2 kDa protein, is the cellular homolog of the equine herpesvirus-2 gene (E10). Bcl-10 is also known as CARD like apoptotic protein (CLAP), CED-3/ICH-1 prodomain homologous E10-like regulator (CIPER), cellular-E10 (c-E10), and CARD-containing molecule enhancing NFκB (CARMEN). Bcl-10 contains a caspase recruitment domain (CARD) and has been shown to induce apoptosis and to activate NFκB. Bcl-10 can interact with other CARD domain containing proteins including CARD9, 10, 11, and 14, which function as upstream regulators of NFκB signaling. Defects in Bcl-10 may be involved in the pathogenesis of human malignancy. Over aa 1-192, human Bcl-10 is 92% and 93% aa identical to mouse and rat Bcl-10, respectively.

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