

DESCRIPTION

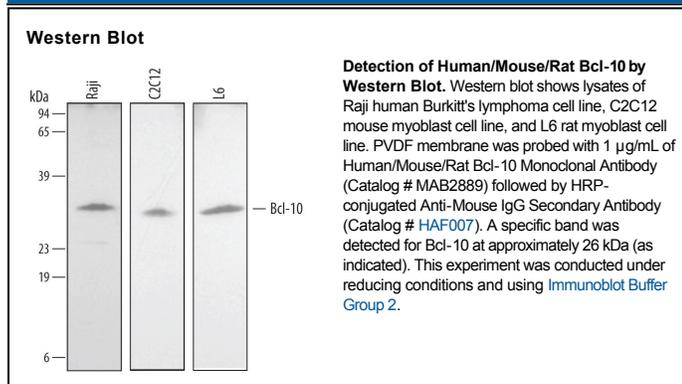
Species Reactivity	Human/Mouse/Rat
Specificity	Detects endogenous human, mouse, and rat Bcl-10 in Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # 384202
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human Bcl-10 Met1-Leu192 Accession # O95999
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.