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Recombinant Bcl-XL Monoclonal Antibody

catalog number: AN301019L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Bcl-XL protein

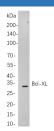
HostRabbitIsotype IgG,κ CloneB770PurificationProtein A

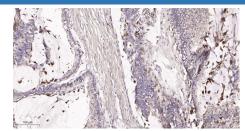
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:200-1:1000 **WB** 1:1000-1:5000

Data





Western Blot with Recombinant Bcl-XL Monoclonal Antibody Immunohistochemistry of paraffin-embedded human colon at dilution of 1:1000 dilution. Lane A: 3T3-L1 cells.

Observed-MW:30 kDa

Antibody at dilution of 1:200.

Calculated-MW:26 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background

The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator.

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