Monoclonal Antibody to Bim (mouse)
Purified Antibody (0.025 mg)

Clone: Ham151-149
Isotype: Hamster IgG1
Specificity: The Armenian hamster antibody Ham151-149 reacts with mouse Bim, a 19-24 kDa pro-apoptotic protein (Bcl-2 family) which regulates immunological responses.
Regulatory Status: RUO
Immunogen: Mouse BimL (w/o transmembrane region) + Bcl-xL (w/o transmembrane region)-6-his tag, purified from Hi5 cells
Species Reactivity: Mouse
Application:
Flow Cytometry
Recommended dilution: 10 µg / ml
Application note: Cells permeabilized with 0.03% saponin
Immunoprecipitation
Recommended dilution: 1-2 µg /100-500 µg of protein in 1 ml lysate
Western Blotting
Recommended dilution: 1-2 µg / ml
Application note: reducing conditions
Immunocytochemistry
Application note: Permeabilized cells
Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label
Background: Bim (Bcl2-interacting mediator) is a pro-apoptotic protein of BH3 domain-only subgroup of the Bcl2 family. It has important roles in initiation of apoptosis in response to many death stimuli. Bim is an important regulator of B and T cell negative selection and is also an essential regulator of T cell apoptosis during termination of an immune response. Bim is constitutively expressed in many cell types but it is maintained in an inactive form through binding to the microtubule-associated dynein motor complex.
References:


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