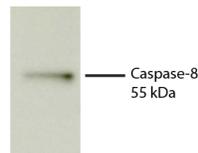




Rat Anti-Human Caspase-8

Cat. No.	Format	Size
17300-01	Purified (UNLB)	0.1 mg



Total cell lysates from Jurkat cells were incubated with STS, resolved by electrophoresis, transferred to PVDF membrane, and probed with Rat Anti-Human Caspase-8-UNLB (SB Cat. No. 17300-01). Proteins were visualized using Goat Anti-Rat IgM-HRP (SB Cat. No. 3020-05) secondary antibody and chemiluminescent detection.

Overview

Clone	SB125a
Isotype	Rat (Sprague Dawley) IgM κ
Immunogen	Purified native human caspase-8
Specificity	Human caspase-8
Alternate Name(s)	MACH, FLICE, Mch5

Description

The caspases are a family of cysteine proteases that induce apoptosis in response to a variety of intra- and extracellular stimuli. These enzymes are synthesized as inactive precursors which become cleaved at aspartate-specific sites upon induction of apoptosis. Caspase-8 is a cytosolic protease that is capable of processing/activating all known caspases, indicating its presence early in the apoptotic cascade. It mediates cell death induction by receptors of the tumor necrosis factor (TNF) and nerve growth factor (NGF) family to eliminate injured cells and maintain leukocyte homeostasis. Moreover, studies have suggested it regulates Fas-induced cytotoxicity and may have a non-apoptotic role in macrophage differentiation.

The SB125a monoclonal antibody detects a band at ~55kD corresponding to the full length form of caspase-8.

Applications

WB – Quality tested

Working Dilutions

Immunoblotting	Purified (UNLB) antibody	$\leq 5 \mu\text{g/mL}$
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.1 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- Reagent is stable for the period shown on the label if stored as directed.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

TB17300
27-Jan-16