

Product Data Sheet

Purified anti-Caspase-8

Catalog # / Size: 645501 / 25 µg

Clone: 1H10

Isotype: Rat IgG2a

Immunogen: Full length caspase-8 fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: Upon receipt, store at 4°C.

Applications:

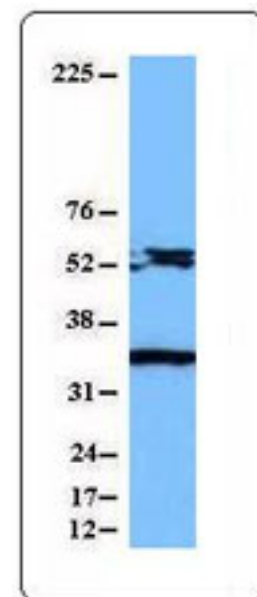
Applications: WB - *Quality tested*
IHC, ELISA - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.5-1 µg antibody per ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Sanchez I *et al.* 1999. *Neuron*. 22:623
2. Li H, *et al.* 1998. *Cell* 94:491

Description: Caspase-8 is involved in the apoptosis mediated by CD95 and TNFR-1. It is suggested that following the triggering of apoptosis by CD95 or TNFR-1, the adaptor molecule FADD interact physically with cytosolic caspase-8 and initiate the apoptotic cascade. The active caspase-8 consists of two subunits of p18 and p10. This antibody should recognize the whole length of human caspase-8 and some isoforms of lower MW.

Antigen References: 1. Muzio M *et al.* 1996. *Cell* 817-827
2. Cohen GM. 1997. *Biochem J* 326:1



Jurkat cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with monoclonal anti-Caspase-8 (clone 1H10). Proteins were visualized using a goat anti-rat secondary conjugated to HRP and a chemiluminescent detection system.



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biollegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.