

#1011 Store at -20°C

Cleaved Caspase-8 (Asp391) Blocking Peptide



✓ 100 µg
(100 sections)

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For Research Use Only. Not For Use In Diagnostic Procedures.

Description: This peptide is used to block Cleaved Caspase-8 (Asp391) (18C8) Rabbit mAb #9496 reactivity in peptide dot blot protocols.

Background: Apoptosis induced through the CD95 receptor (Fas/APO-1) and tumor necrosis factor receptor 1 (TNFR1) activates caspase-8 and leads to the release of the caspase-8 active fragments, p18 and p10 (1-3). Activated caspase-8 cleaves and activates downstream effector caspases such as caspase-1, -3, -6, and -7. Caspase-3 ultimately elicits the morphological hallmarks of apoptosis, including DNA fragmentation and cell shrinkage.

Quality Control: The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry. The peptide blocks Cleaved Caspase-8 (Asp391) (18C8) Rabbit mAb #9496 by peptide dot blot.

Directions For Use: Use as a blocking reagent to evaluate the specificity of antibody reactivity in peptide dot blot protocols. Recommended antibody dilutions can be found on the relevant product data sheet.

Background References:

- (1) Muzio, M. et al. (1996) *Cell* 85, 817–827.
- (2) Boldin, M.P. et al. (1996) *Cell* 85, 803–815.
- (3) Fernandes-Alnemri, T. et al. (1996) *Proc. Natl. Acad. Sci. USA* 93, 7464–7469.

Storage: Supplied in 20 mM potassium phosphate (pH 7.0), 50 mM NaCl, 0.1 mM EDTA, 1 mg/ml BSA and 5% glycerol. 1% DMSO. Store at -20°C.

Companion Products:

Cleaved Caspase-8 (Asp391) (18C8) Rabbit mAb #9496

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Applications Key: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry IC—Immunocytochemistry IF—Immunofluorescence F—Flow cytometry E—ELISA D—DELFIATM
Species Cross-Reactivity Key: H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken X—Xenopus Z—zebra fish B—bovine All—all species expected
Species enclosed in parentheses are predicted to react based on 100% sequence homology.