CASP10
Synthetic Human Caspase 10 (aa 505-521)(CT) Blocking Peptide

Catalog No.	PX030BP	**Quantity:**	50 µg

Alternate Names: ALPS2, FLICE2, MCH4, FADD-like ICE2, Fas-associated death domain protein, ICE-like apoptotic protease 4, apoptotic protease MCH-4, caspase 10, caspase 10, apoptosis-related cysteine protease, interleukin-1B-converting enzyme 2

Description: Amino acids 505 to 521 of human caspase-10.

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Gene ID: 843

Application: The peptide is used for blocking the activity of anti-caspase-10. Incubating the peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH_2PO_4, 10 mM, Na_2HPO_4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: ISAQTPRPPMRRWSSVS

Storage & Stability: Store at -20°C, stable for one year.

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