

Caspase-8 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252204

Unit: 0.1 mg

Description:

Caspase-8 is the most upstream protease of the activation cascade of caspases responsible for the TNFRSF6/FAS mediated and TNFRSF1A induced cell death. Caspase-8 forms an aggregate with FADD called death-inducing signaling complex (DISC). DISC performs caspase-8 proteolytic activation. The active dimeric enzyme is liberated from the DISC and free to activate downstream apoptotic proteases. Defects in caspase-8 are the cause of caspase-8 deficiency (CASP8D). CASP8D is a disorder resembling autoimmune lymphoproliferative syndrome (ALPS). It is characterized by lymphadenopathy, splenomegaly, and defective CD95-induced apoptosis of peripheral blood lymphocytes (PBLs).

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

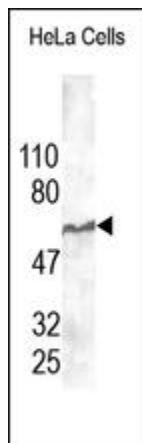
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Caspase-8; CASP-8; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; MACH; FADD-homologous ICE/ced-3-like protease; FADD-like ICE; FLICE; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; CASP8; MCH5

Accession No.: Q14790

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human caspase-8.

Application Notes: E: 1:1,000-1:10,000; WB: 1:200-1:1,000; IHC: 1:50-1:200



The Caspase-8 antibody is used in Western blot to detect caspase-8 in HeLa cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.