

Caspase-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251903

Unit: 0.1 mg

Description:

Caspase-1 is a thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Caspase-1 is important for defense against pathogens. Caspase-1 cleaves and activates sterol regulatory element binding proteins (SREBPs), and also promotes apoptosis. Caspase-1 is specifically inhibited by the cowpox virus Crma protein

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H

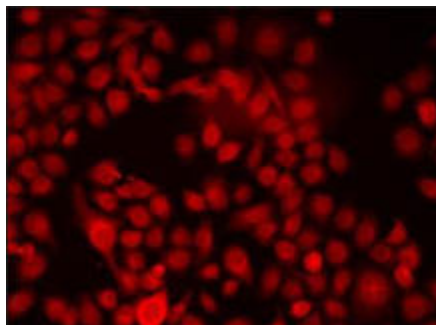
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Caspase-1; CASP-1; Interleukin-1 beta convertase; IL-1BC; Interleukin-1 beta-converting enzyme; IL-1 beta-converting enzyme; ICE; p45; CASP1; IL1BC; IL1BCE

Accession No.: P29466

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human caspase-1.

Application Notes: E: 1:10,000-1:40,000; WB: 1:200-1:,000; IHC: 1:100-1:500; IF: 1:100-1:500



Caspase-1 staining in HeLa cells. Immunofluorescent staining of HeLa cells with Caspase-1 Antibody (Cat. No. 251903) used at 1:100 dilution.

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.