

CASPASE 11 RABBIT MAB

Cat.#: N261961

Product Name: Anti-Caspase 11 Rabbit Monoclonal Antibody

Synonyms: Casp1; ich-3; CASP-4; Casp11; CASP-11

UNIPROT ID: P70343

Background: Proinflammatory caspase. Essential effector of NLRP3 inflammasome-dependent CASP1 activation and IL1B and IL18 secretion in response to non-canonical activators, such as UVB radiation, cholera enterotoxin subunit B and cytosolic LPS, as well as infection with Gram-negative bacteria. Independently of NLRP3 inflammasome and CASP1, promotes pyroptosis, through GSDMD cleavage and activation, and IL1A, IL18 and HMGB1 release in response to non-canonical inflammasome activators.

Immunogen: Recombinant protein of mouse Caspase-11

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R09-7H9

MW: Calculated MW: 43 kDa; Observed MW: 43,38,25 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

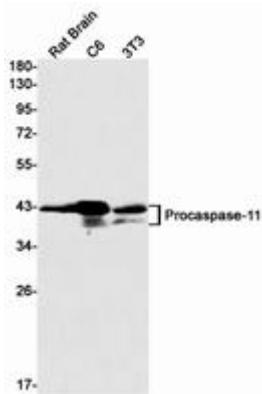
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: apoptosis - Caspase family

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Caspase11 in C6, 3T3, Hela lysates using Caspase 11 antibody.