

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CASPASE 11 RABBIT MAB

Cat.#: N261961

Product Name: Anti-Caspase 11 Rabbit Monoclonal Antibody

Synonyms: Caspl; ich-3; CASP-4; Caspll; 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 Gramnegative 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

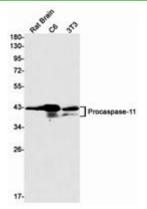
Research Areas: apoptosis - Caspase family

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



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