

## 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

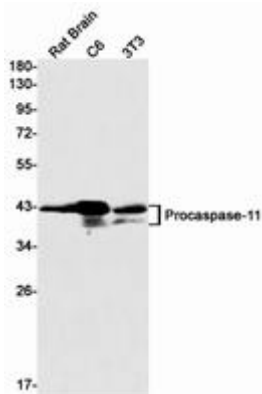
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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.