



Caspase 11 Rabbit mAb

Catalog No	YP-Ab-17825
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IP
Gene Name	Casp4
Alternative Names	Casp1; ich-3; CASP-4; Casp11; CASP-11
Research Field	Cell Biology
Product Categories	Primary antibody
Host	Rabbit
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43,38,25 kDa
Clonality	Monoclonal Antibody
Clonality No.	R09-7H9
Dilution	WB: 1/500-1/1000 IP: 1/20
Immunogen	Recombinant protein of mouse Caspase-11
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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.

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

