



Rabbit Anti-Mouse CASP4 Monoclonal Antibody, Clone S10-8I0 (DMAB-JX2362720)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Caspase 11
Immunogen	Recombinant protein of mouse Caspase-11
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	S10-8I0
Purification	Affinity Purification
Conjugate	Unconjugated
Applications	WB: 1/500-1/1000 IP: 1/20 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	Lot specific
Size	20 µL, 50 µL, 100 µL
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Preservative	0.01% Sodium azide

Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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Ship	Wet ice
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BACKGROUND

Introduction	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.
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GENE INFORMATION

Entrez Gene ID	12363
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UniProt ID	P70343
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