

Datasheet for ABIN200371 **anti-Caspase 1 antibody (AA 206-220)**



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Overview

Quantity:	100 µg
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 206-220
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	P20 fragment of mouse caspase-1 and synthetic peptide corresponding to aa 206-220 (TALEMVKEVKEFAAC) of mouse caspase-1. Percent identity by BLAST analysis: Mouse (100%), Rat (87%). Type of Immunogen: Synthetic peptide
Clone:	1H11
Isotype:	IgG1
Specificity:	Recognizes an epitope within the p20 fragment of mouse caspase-1. Detects a band of ~45kD by Western blot. Does not cross-react with mouse caspase-11 or -12.
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse (100%) Rat (87%).
Purification:	Protein G purified

Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	CASP1 / Caspase 1 (CASP1 Products)
Background:	Name/Gene ID: CASP1 Subfamily: Cysteine C14 Family: Protease Synonyms: CASP1, Caspase-1, CASP-1, CASP1 nirs variant 1, Caspase 1, ICE, ICE-like protease, IL-1 beta-converting enzyme, IL-1BC, IL1BC, IL1BCE, p45, IL1B-convertase, Interleukin-1 beta convertase
Gene ID:	834
UniProt:	P29466
Pathways:	Apoptosis , Interferon-gamma Pathway , Positive Regulation of Endopeptidase Activity , Inflammasome

Application Details

Application Notes:	Approved: ELISA, Flo, WB Usage: Suitable for use in Flow Cytometry, ELISA and Western Blot.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.