

Caspase-1 Rabbit mAb

Catalog No: #60058

Package Size: #60058-1 50ul #60058-2 100ul

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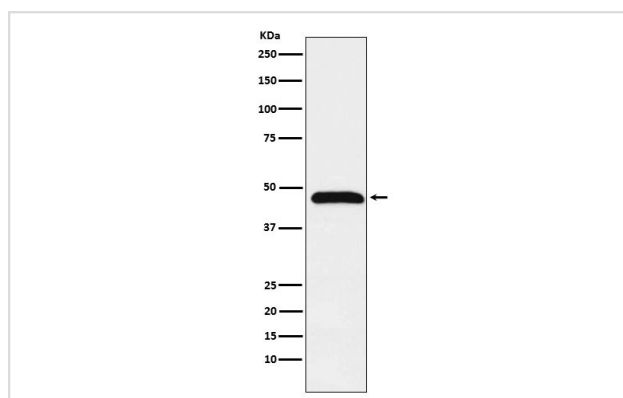
Description

Product Name	Caspase-1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IP
Species Reactivity	Human Mouse Rat
Specificity	Caspase-1 Antibody detects endogenous levels of total Caspase-1
Immunogen Description	A synthesized peptide derived from Caspase-1
Other Names	CASP-1; ICE; IL-1 beta converting enzyme; IL-1BC; IL1BCE; caspase-1;
Accession No.	Uniprot:P29466
Concentration	2mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IP 1:50

Images



Western blot analysis of Caspase-1 expression in NIH/3T3 cell lysate.

Background

Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Can also promote apoptosis.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.