

Anti-Caspase 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

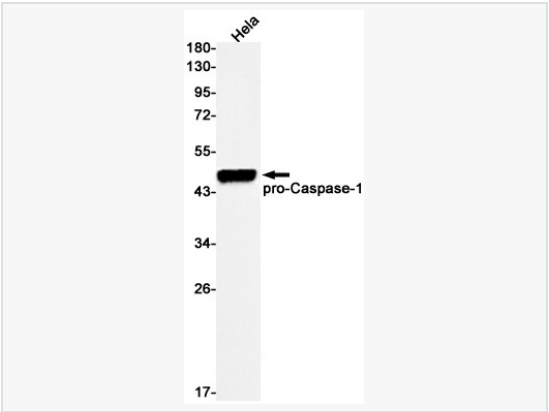
Catalog # R011180

Product Information

Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	64K60M98
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Caspase-1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caspase 1 antibody [64K60M98] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CASP1, IL1BC, IL1BCE, Caspase-1, CASP-1, Interleukin-1 beta convertase, IL-1BC, Interleukin-1 beta-converting enzyme, ICE, IL-1 beta-converting enzyme, p45.
Calculated MW	Calculated MW: 45 kDa; Observed MW: 45,20 kDa
Uniprot ID	P29466
Gene ID	834
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.



Western blot analysis of Caspase1 in HeLa lysates using Caspase 1 antibody.