

Product datasheet PS297

**MONOSAN**<sup>®</sup>

Polyclonal Rabbit anti-caspase-1 (C-Terminal)

Clone no. -

MONOSAN

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Product name	Polyclonal Rabbit anti-caspase-1 (C-Terminal)
Host	Rabbit
Applications	WB,IHC-P
Species reactivity	-
Conjugate	Purified
Immunogen	A 16 amino acid peptide located near human Caspase-1 carboxy terminus.
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	0.1 mg
Concentration	1.0 mg/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Rabbit anti Human Caspase-1 antibody recognizes an epitope within the C-terminal region (CT) of human Caspase-1, otherwise known as IL-1Beta converting enzyme. Caspase-1 is an intracellular cysteine protease, identified as a mammalian homologue to *C. elegans* cell death gene (*ced-3*). Caspase-1 has been classified as an inflammatory, rather than apoptotic caspase, due to its essential role in the cleavage of the inactive precursors of the cytokines IL-1beta and IL-18, into their mature activated and secretable forms. Regulation of pro-inflammatory cytokines by Caspase-1 has made inhibitors of Caspase-1 a possible target for use as therapeutic drugs for the treatment of inflammatory diseases (Ghayur et al. 1997). Rabbit anti Human Caspase-1 antibody detects a cleaved subunit band of approximately 21 kDa in human heart cell lysates (predicted precursor MWT 45.2kDa).

**References**

1. -
2. -
3. -
4. -
5. -

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