

PRODUCT DATA SHEET

Product: Anti-Caspase-1 pAb

Cat. No.: PC-125 (100 µg)

Synonyms:

Anti-Interleukin-1 β Converting Enzyme pAb;
Anti-IL-1 β Converting Enzyme pAb; Anti-ICE
pAb.

Specificity:

Detects bands of ~45 kDa (procaspase-1) and
~20 kDa (cleavage byproduct) by Western blot.

Species Reactivity:

Human, mouse and rat. Others not tested.

Host:

Rabbit

Immunogen:

Synthetic peptide corresponding to aa 129-152
of human caspase-1.

Format:

100 µg of liquid epitope-affinity purified
polyclonal antibody at 0.2 mg/mL in PBS, pH 7.2,
containing 30% glycerol, protein stabilizer, and
0.01% thimerosal.

Storage:

Store at -20°C. Aliquot to avoid freeze/thaw
cycles. Store aliquots at -80°C.

Applications and Suggested Dilutions:

- Immunocytochemistry: Use at 10-20 µg/mL.
- Immunoprecipitation: Use at 4-8 µg/mL.
- Western blot: Use at 0.5-4 µg/mL.

The optimal dilution for a specific application
should be determined by the researcher.

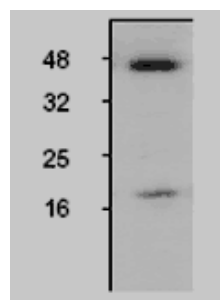


Figure: Western blot analysis of caspase-1 expression in rat
liver tissue lysate using pAb to Caspase-1 (PC-125).

Limitations:

For *in vitro* research use only. Not for use in
diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made
regarding the use of this product. KAMIYA
BIOMEDICAL COMPANY is not liable for any
damage, personal injury, or economic loss
caused by this product.