

**MOUSE ANTI-CASPASE-3 [CPP32]  
MONOCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	MAB4703
<b>LOT NUMBER:</b>	21042359
<b>QUANTITY:</b>	100 µg
<b>CONCENTRATION:</b>	1 mg/ml
<b>SPECIFICITY:</b>	Recognizes the full length 32 kDa caspase-3 protein. Highly specific to caspase-3 and shows no cross-reaction with other caspase family members. Caspase-3 is ubiquitously expressed and like other caspases is synthesized as an inactive proenzyme. Upon activation, caspase-3 is cleaved generating two smaller subunits of 17 kDa and 12 kDa. Caspase-3 is one of the most extensively studied enzyme in apoptosis. Activation of caspase-3 occurs in response to a variety of apoptotic inducers.
<b>IMMUNOGEN:</b>	Recombinant full-length human caspase-3 protein
<b>ISOTYPE:</b>	IgG <sub>2a</sub>
<b>CLONE NAME:</b>	4-1-18
<b>APPLICATIONS:</b>	Western blot: 1:1000 Immunohistochemistry (frozen and paraffin): 1:500  Optimal working dilutions must be determined by end user.
<b>SPECIES REACTIVITIES:</b>	Human (others not tested)
<b>FORMAT:</b>	Purified immunoglobulin by protein A
<b>PRESENTATION:</b>	Liquid in PBS, pH 7.6, with 0.1% sodium azide.
<b>STORAGE/HANDLING:</b>	Maintain refrigerated at 2-8°C in undiluted aliquots for up to 12 months.

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*