

## Caspase 3 Antibody FITC Conjugated

Catalog No: #C04206F

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## Description

Product Name	Caspase 3 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic peptide aa 1-45 277 derived from rat Caspase 3
Conjugates	FITC
Target Name	Caspase 3
Other Names	Lice; Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; IRP; Protein Yama; SREBP cleavage activity 1; SCA-1; Casp3; Cpp32
Accession No.	Swiss-Prot#P55213NCBI Gene ID25402
Uniprot	P55213
GeneID	25402;
Excitation Emission	494nm 518nm
Cell Localization	Cytoplasm
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200B IF=1:50-200B

## Background

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-|-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Triggers cell adhesion in sympathetic neurons through RET cleavage (By similarity).

Note: This product is for in vitro research use only