

Rabbit anti-Caspase 3 antibody, clone SQab1876 (monoclonal)

Clone no. SQab1876

MONOSAN

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|---------------------------|--|
| Product name              | Rabbit anti-Caspase 3 antibody, clone SQab1876 (monoclonal)      |
| Host                      | Rabbit   |
| Applications              | FC, ICC/IF, IP, WB   |
| Species reactivity        | Human, Mouse, Rat  |
| Conjugate                 | -  |
| Immunogen                 | Synthetic peptide corresponding to aa. 1-100 of Human Caspase 3. |
| Isotype                   | -  |
| Clonality                 | Monoclonal   |
| Clone number              | SQab1876   |
| Size                      | 100 ul   |
| Concentration             | n/a  |
| Format                    | Purification with Protein A.                                     |
| Storage buffer            | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.             |
| Storage until expiry date | -20°C  |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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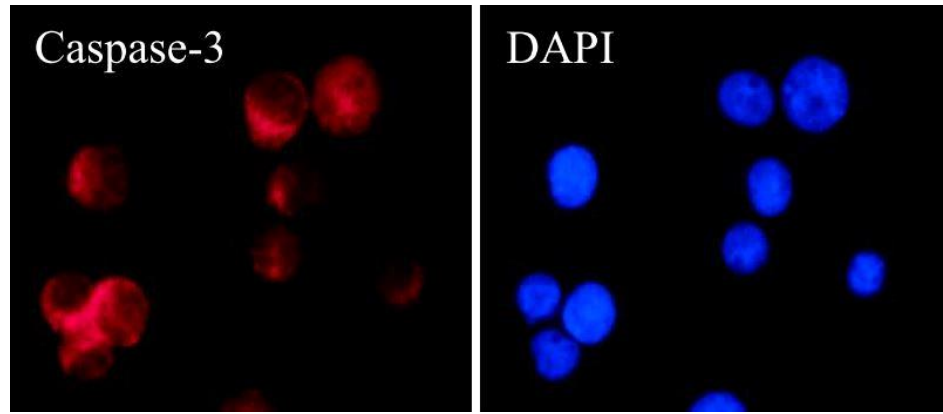
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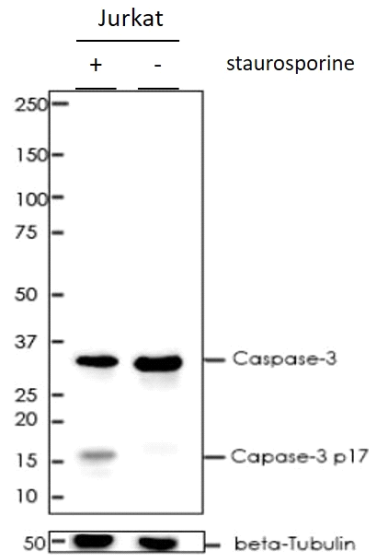
**Additional info**

Application note: \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq, Jul 2008]

Images



Immunofluorescence: Jurkat cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% goat serum for 30 min at RT. Cells were stained with anti-Caspase 3 antibody [SQab1876] (red) at 1:800 and 4°C.



Western blot: 20 µg of Jurkat treated with 1 µM staurosporine for 4h (+) or untreated (-). The blots were stained with anti-Caspase 3 antibody [SQab1876] at 1:2000 dilution.

References

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

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