

Product Data Sheet

Purified anti-Caspase-7

Catalog # / Size: 645301 / 25 µg

Clone: 20F3

Isotype: Rat IgG2a

Immunogen: P20 of bacterial fusion protein

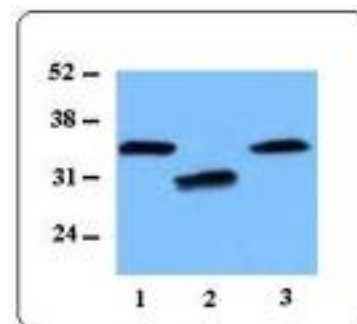
Reactivity: Human, **Cross-Reactivity:** Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: Upon receipt, store at 4°C.



Jurkat (1), MCF7 (2), and PC12 (3) cell extracts were resolved by electrophoresis, transferred to nitrocellulose and probed with mAb anti-caspase 7 (Clone 20F3) antibody. Proteins were visualized using a goat anti-rat secondary antibody conjugated to HRP and a chemiluminescence system.

Applications:

Applications: WB - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.5 - 1 µg antibody per ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Duan H, *et al.* 1996. *J. Biol. Chem.* 271:1621

Description: Along with caspase-3 and -6, Caspase-7 is a member of the apoptotic executioner or effector caspases. Caspase-7 is cleaved by granzyme B and caspase-3, -6, -8, and -9. It is suggested that caspase-7 may be an important intracellular effector of granzyme B-mediated apoptosis and cytotoxic T lymphocytes-induced cell killing in vivo.

Antigen References: 1. Long H *et al.* 1998. *Cell* 94:491
2. Duan H *et al.* 1996. *J. Biol. Chem.* 271:1621
3. Nicholson D. 1999. *Cell Death and Differentiation* 6:1028

Related Products: **Product**
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone

Application
FC, ICC, ICFC
FC, ICFC



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