

Product datasheet for **TA389067**

CASP3 Mouse Antibody [Clone ID: M377]

Product data:

Product Type:	Primary Antibodies
Clone Name:	M377
Applications:	ICC, WB
Recommended Dilution:	WB: 1:1000 ICC: 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Immunogen:	Clone (M377) was generated from a recombinant protein containing amino acid residues in the N-terminal region of human Caspase-3.
Specificity:	The antibody detects a 32 kDa* protein corresponding to the molecular weight of Caspase-3 on SDS-PAGE immunoblots of human Jurkat and K562 cells.
Formulation:	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Concentration:	lot specific
Purification:	Protein A Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	32
Database Link:	P42574
Background:	The caspases are a group of cysteine enzymes, which cleave proteins in response to intrinsic and extrinsic pathways that cause apoptotic cell death. The caspases can be grouped into two subgroups based on their roles in apoptosis. Initiator caspases (caspases 2, 8, 9, and 10) are activated through the apoptosis-signaling pathways and activate the effector caspases (caspases 3, 6, and 7) which carry out apoptosis. Caspase cascades are initiated through assembly of multiprotein complexes that trigger activation of the initiator caspases, which are then released and are able to activate the downstream effector caspases.



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Note: Protein G purified tissue culture supernatant.