

Anti-Caspase-3 (N-terminal region) Antibody

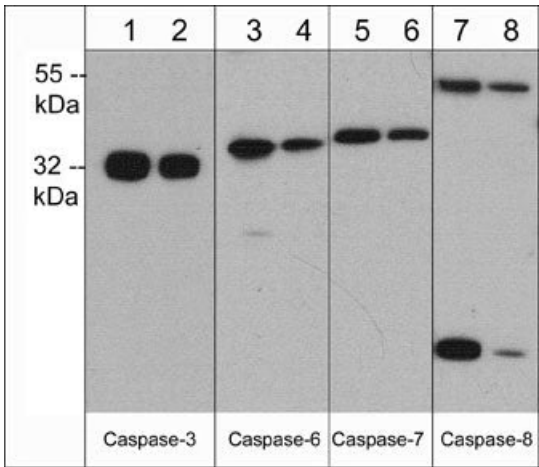


Product Details

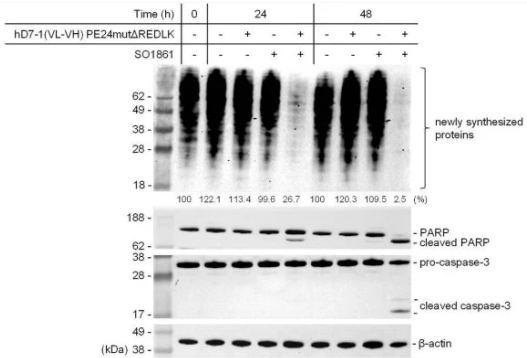
Available Variants	100 µL (SKU:CM3771)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	M377
Gene Name	CASP3
Host Species	Mouse
Format	Protein A Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human
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.
Molecular Weight	32
Quality Control	Western blots performed on each lot.
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.
UniProt ID	<u>P42574</u>

Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot analysis of Caspase expression in human Jurkat cells. The blot was probed with anti-Caspase-3 at 1:500 (lane 1) and 1:1000 (lane 2), anti-Caspase-6 at 1:250 (lane 3) and 1:500 (lane 4), anti-Caspase-7 at 1:500 (lane 5) and 1:1000 (lane 6), as well as anti-Caspase-8 at 1:250 (lane 7) and 1:500 (lane 8).



Inhibition of protein biosynthesis as shown by puromycin Western blot analysis and induction of apoptosis in LNCaP cells as demonstrated by PARP and Caspase-3 (Cat. CM3771) cleavage after combination treatment. Image from publication CC-BY-4.0. [PMID: 37484018](#)

