

Product datasheet for **TA309596**

Caspase 9 (CASP9) Mouse Monoclonal Antibody [Clone ID: LAP6 96-2-22]

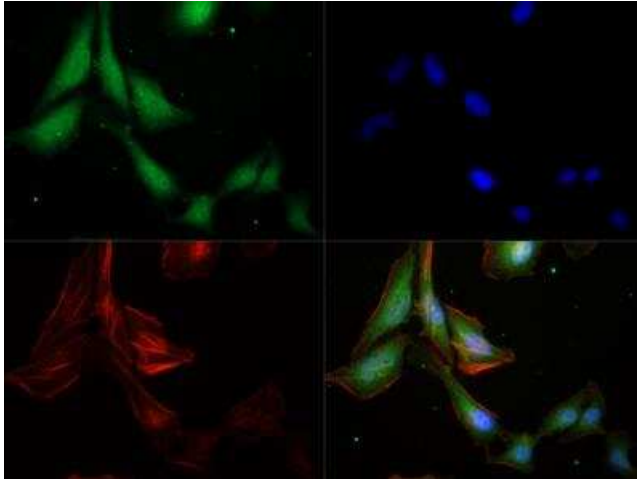
Product data:

Product Type:	Primary Antibodies
Clone Name:	LAP6 96-2-22
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunohistochemistry: 8-25 ug/ml, Knockdown Validated, Western Blot: 1 ug/ml, Immunohistochemistry-Paraffin: 8-25 ug/ml, Immunocytochemistry/ Immunofluorescence: 2-10 ug/ml, Simple Western: 20 ug/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant human Caspase 9 pro-domain protein.
Formulation:	Ascitic fluid and 0.1% Sodium Azide
Concentration:	lot specific
Purification:	Ascites
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caspase 9
Database Link:	NP_001220 Entrez Gene 842 Human P55211
Synonyms:	APAF-3; APAF3; ICE-LAP6; MCH6; PPP1R56
Protein Families:	Druggable Genome, Protease, Stem cell - Pluripotency
Protein Pathways:	Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Endometrial cancer, Huntington's disease, Non-small cell lung cancer, p53 signaling pathway, Pancreatic cancer, Parkinson's disease, Pathways in cancer, Prostate cancer, Small cell lung cancer, VEGF signaling pathway, Viral myocarditis

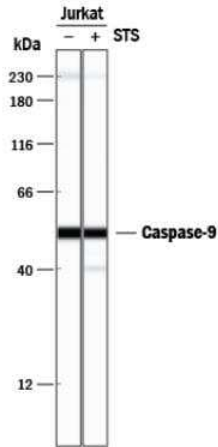


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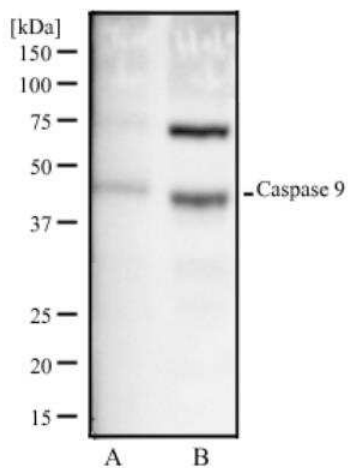
Product images:



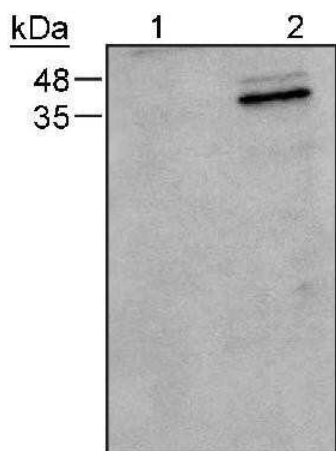
Immunocytochemistry/Immunofluorescence: Caspase 9 Antibody (LAP6 96-2-22) TA309596 - The Caspase 9 antibody was tested in HeLa cells against Dylight 488 (Green). Alpha-tubulin and nuclei were counterstained against Dylight 550 (Red) and DAPI (Blue).



Simple Western: Caspase-9 Antibody (LAP6 96-2-22) TA309596 - Western lane view shows lysates of Jurkat human acute T cell leukemia cell line untreated (-) or treated (+) with 1 mM Staurosporine (STS) for 3 hours, loaded at 0.2 mg/mL. A specific band was detected for Caspase 9 at approximately 53 kDa (as indicated) using 20 ug/mL of Mouse Anti-Caspase 9 Monoclonal Antibody (Catalog # TA309596). This experiment was conducted under reducing conditions and using the 12-230 kDa separation system.



Western Blot: Caspase 9 Antibody (LAP6 96-2-22) TA309596 - Western blot analysis of Jurkat (A) and HeLa (B) cell lysate using Caspase 9 (TA309596) antibody at 1:500.



Western Blot: Caspase 9 Antibody (LAP6 96-2-22) TA309596 - The pro and active forms of Caspase 9 detected in active 293 cell lysate (lane 2). Lane 1: inactive 293 cell lysate.