

Anti-CASP3 antibody (29-175) [S9MR] (STJ11101749)

STJ11101749

GENERAL INFORMATION

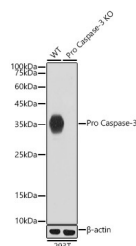
Product Type	Primary antibodies
Short Description	
Applications	WB/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

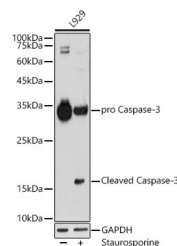
Clonality	Monoclonal
Clone ID	S9MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:1000-1:2000
Range	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

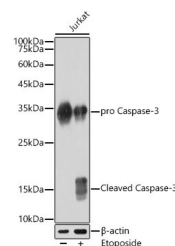
Gene ID	836
Gene Symbol	CASP3
Uniprot ID	CASP3_HUMAN
Immunogen	
Immunogen Region	29-175
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 29-175 of human Caspase-3 (P42574). SGISLDNSYKMDYPENGLCI IINNKNFHKSTGMTSRSGTD VDAANLRETFRNLYEVRNK NDLTREEIVELMRDVSKEHDH
Immunogen Sequence	SKRSSFVCVLLSHGEEGIIF GTNGPVDLKKITNFFRGDRCLSLTGKPKLFIQACRGTEL DCGIETD



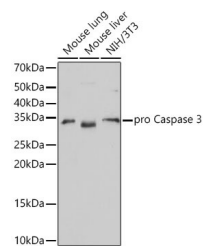
Western blot analysis of lysates from wild type (WT) and active + pro Caspase-3 knockout (KO) 293T cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from L929 cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. L929 cells were treated by staurosporine (1 uM) for 3 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of lysates from Jurkat cells, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. Jurkat cells were treated by Etoposide (25 uM) at 37 A°C for 5 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates, using [KO Validated] active + pro Caspase-3 Rabbit monoclonal antibody (STJ11101749) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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