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Datasheet for ABIN7428803

anti-Caspase 3 antibody (AA 29-175)

7 Images

Overview

Quantity:	100 µL
Target:	Caspase 3 (CASP3)
Binding Specificity:	AA 29-175
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Caspase 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Caspase 3 (CASP3)
Immunogen:	Recombinant Caspase 3 (CASP3) corresponding to Ser29~Asp175 with N-terminal His Tag
Clone:	C3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CASP3. It has been selected for its ability to recognize CASP3 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

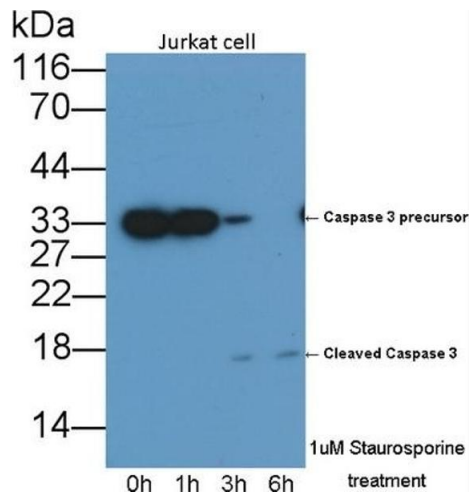
Target:	Caspase 3 (CASP3)
Alternative Name:	Caspase 3 (CASP3 Products)
Background:	CPP32, CPP32B, SCA1, Apoptain, Yama, Apoptosis-Related Cysteine Peptidase, Cysteiny/Aspartate Specific Proteinases 3, SREBP cleavage activity 1
Pathways:	Apoptosis , Caspase Cascade in Apoptosis , Sensory Perception of Sound , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Activated T Cell Proliferation

Application Details

Application Notes:	Western blotting: 0.02-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

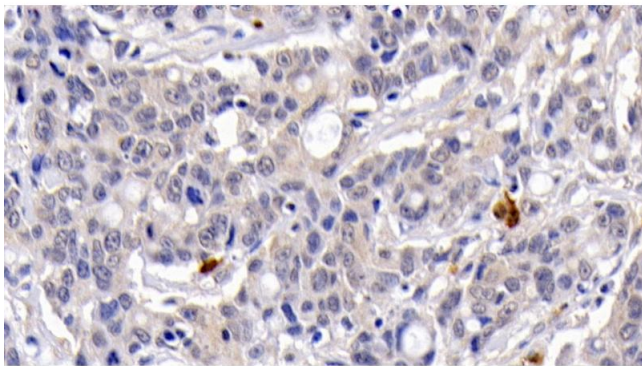
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



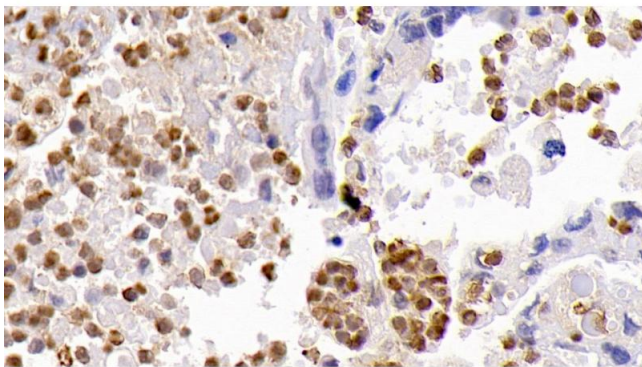
Western Blotting

Image 1. Detection of CASP3 in lysates of Jurkat cell line using Monoclonal Antibody to Caspase 3 (CASP3)



Immunohistochemistry

Image 2. Detection of CASP3 in Human Lymphoma Tissue using Monoclonal Antibody to Caspase 3 (CASP3)



Immunohistochemistry

Image 3. Detection of CASP3 in Human Lung cancer Tissue using Monoclonal Antibody to Caspase 3 (CASP3)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7428803.