

For Research Use Only

Cleaved Caspase 10/P23 Recombinant antibody, PBS Only

Catalog Number: 85104-3-PBS



Basic Information

Catalog Number: 85104-3-PBS	GenBank Accession Number: BC042844	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 843	CloneNo.: 242468G11
Source: Rabbit	UNIPROT ID: Q92851	
Isotype: IgG	Full Name: caspase 10, apoptosis-related cysteine peptidase	
	Calculated MW: 59 kDa	
	Observed MW: 23 kDa	

Applications

Tested Applications:
WB, Indirect ELISA
Species Specificity:
human

Background Information

CASP10(Caspase-10) is also named as MCH4 and belongs to the peptidase C14A family. It is recruited to the CD99 and p55 tumor necrosis factor receptor signaling complexes and promoting CD95 (APO1/Fas) apoptosis. It may also play a critical role in PTK7-knockdown-induced apoptosis, downstream of mitochondria(PMID:21103379). This protein can be Cleavage by granzyme B and autocatalytic activity generate two active subunits. Defects in CASP10 are the cause of autoimmune lymphoproliferative syndrome type 2A (ALPS2A)(PMID:16446975), familial non-Hodgkin lymphoma (NHL)(PMID:12010812) and gastric cancer (GASC)(PMID:11973654). This antibody recognize the cleaved caspase 10.

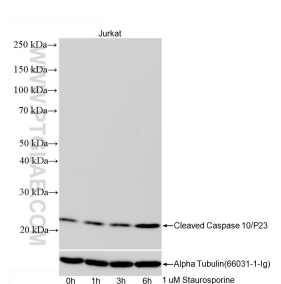
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Staurosporine treated Jurkat cells were subjected to SDS PAGE followed by western blot with 85104-3-RR (Cleaved Caspase 10/P23 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85104-3-PBS in a different storage buffer formulation.