

For Research Use Only

Granzyme A Recombinant antibody, PBS Only

Catalog Number: 84583-3-PBS



Basic Information

Catalog Number: 84583-3-PBS	GenBank Accession Number: BC015739	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3001	CloneNo.: 241979B8
Source: Rabbit	UNIPROT ID: P12544	
Isotype: IgG	Full Name: granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)	
Immunogen Catalog Number: AG1818	Calculated MW: 29 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Granzyme A (GrA, a tryptase) is necessary for target cell lysis in cell-mediated immune responses. It activates mitochondrial outer membrane permeabilization- and caspase-independent cell death pathways by cleaving the mitochondrial complex I component NDUF53 after lys56. Among serine proteases GrA has a unique quaternary structure consisting of a disulphide-linked homodimer of 60kDa linked via Cys93. (PMID: 12819769) This protein has 2 isoforms produced by alternative promoter usage with the MW of 29 and 27 kDa.

Storage

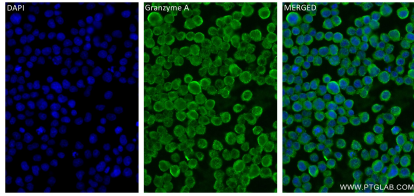
Storage:
Store at -80°C.

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



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using GZMA antibody (84583-3-RR, Clone: 241979B8) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84583-3-PBS in a different storage buffer formulation.