

For Research Use Only

THOC3 Monoclonal antibody, PBS Only

Catalog Number: 68812-3-PBS



Basic Information

Catalog Number: 68812-3-PBS	GenBank Accession Number: BC006849	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84321	CloneNo.: 1A5B12
Source: Mouse	UNIPROT ID: Q96J01	
Isotype: IgG2b	Full Name: THO complex 3	
Immunogen Catalog Number: AG35578	Calculated MW: 327 aa, 36 kDa	
	Observed MW: 39 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

THOC3 is a component of the nuclear THO transcription elongation complex, which is a part of the larger transcription export (TREX) complex that couples messenger RNA processing and export. Additionally, THOC3 plays a key role in many cellular mechanisms, such as in the pathogenesis of cancer and neurodegenerative diseases (PMID: 36674977). THOC3 has 2 isoforms with the molecular weights of 36 kDa and 39 kDa.

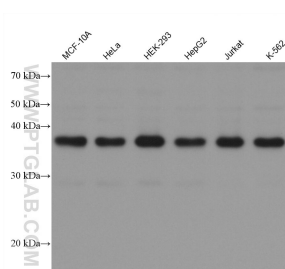
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

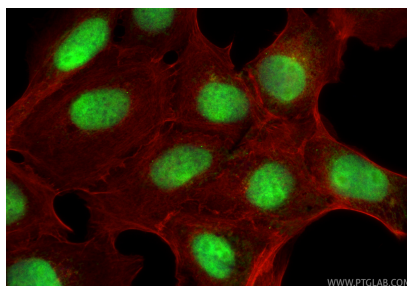
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

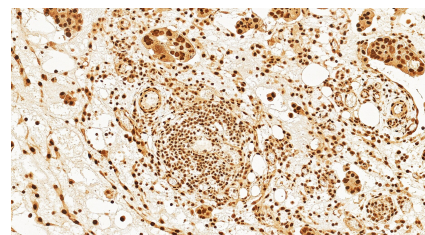
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68812-3-Ig (THOC3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68812-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using THOC3 antibody (68812-3-Ig, Clone: 1A5B12) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68812-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 68812-3-Ig (THOC3 antibody) at dilution of 1:4000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 68812-3-PBS in a different storage buffer formulation.