

For Research Use Only

IPO4 Monoclonal antibody, PBS Only

Catalog Number: 67549-1-PBS



Basic Information

Catalog Number: 67549-1-PBS	GenBank Accession Number: BC003690	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79711	CloneNo.: 2F3H2
Source: Mouse	UNIPROT ID: Q8TEX9	
Isotype: IgG1	Full Name: importin 4	
Immunogen Catalog Number: AG2281	Calculated MW: 1081 aa, 118 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human

Background Information

Importin-4 (IPO4) belongs to the importin β family which directs the cargo to pass through the nuclear pore complex via transient interaction with nucleoporins. IPO4 is responsible for transporting histones H3 and H4 into the nucleus for chromatin assembly. Recently IPO4 has been reported to contribute to gastric cancer progression and poor prognosis.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

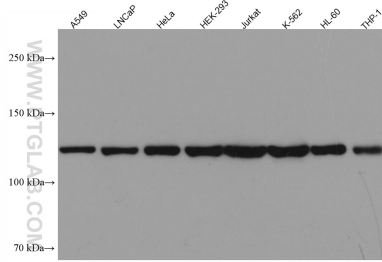
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

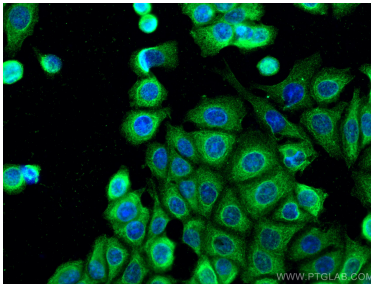
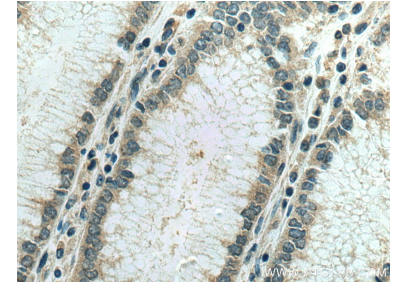
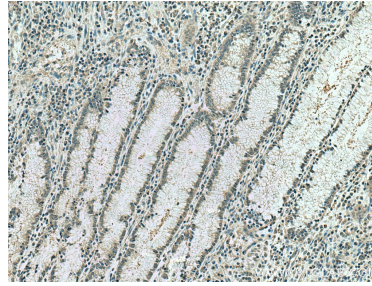
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67549-1-Ig (IPO4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67549-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using IPO4 antibody (67549-1-Ig, Clone: 2F3H2) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67549-1-PBS in a different storage buffer formulation.