

For Research Use Only

NF45 Monoclonal antibody, PBS Only



Catalog Number: 67685-1-PBS

Basic Information

Catalog Number: 67685-1-PBS	GenBank Accession Number: BC000382	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3608	CloneNo.: 1A3A2
Source: Mouse	UNIPROT ID: Q12905	
Isotype: IgG2b	Full Name: interleukin enhancer binding factor 2, 45kDa	
Immunogen Catalog Number: AG30388	Calculated MW: 43 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
WB, IP, IF, IHC, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

Interleukin-2 enhancer binding factor 2 (ILF2), also named as nuclear factor 45 (NF45), plays important roles in regulating interleukin-2 expression in mammals. It forms a heterodimeric complex with ILF3, which may regulate transcription of the IL2 gene during T-cell activation. It can also promote the formation of stable DNA-dependent protein kinase holoenzyme complexes on DNA [PMID:11739746,17129403].

Storage

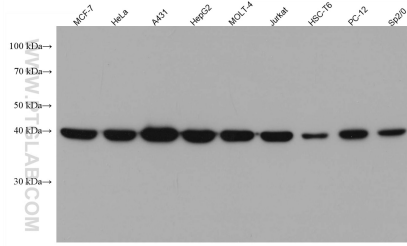
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

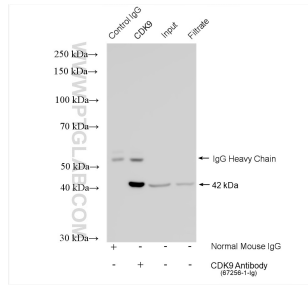
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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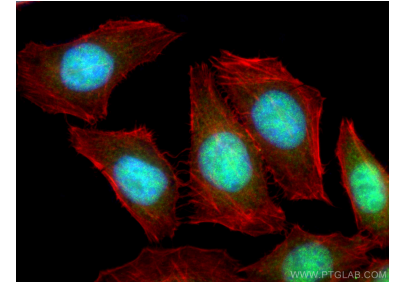
Selected Validation Data



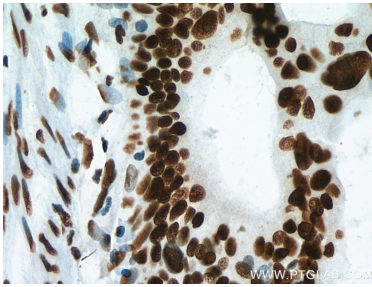
Various lysates were subjected to SDS PAGE followed by western blot with 67685-1-Ig (NF45 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67685-1-PBS in a different storage buffer formulation.



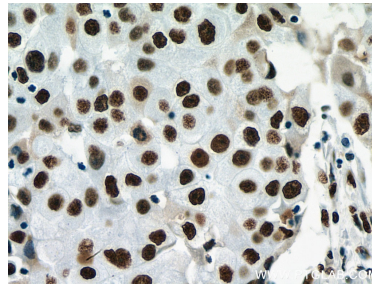
IP result of anti-NF45 (IP:67685-1-Ig, 4ug; Detection:67685-1-Ig 1:3000) with HeLa cells lysate 1320 ug. This data was developed using the same antibody clone with 67685-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NF45 antibody (67685-1-Ig, Clone: 1A3A2) 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 67685-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67685-1-Ig (NF45 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67685-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67685-1-Ig (NF45 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67685-1-PBS in a different storage buffer formulation.