

For Research Use Only

NFKB2 Monoclonal antibody, PBS Only



Catalog Number: 66920-1-PBS

Basic Information

Catalog Number: 66920-1-PBS	GenBank Accession Number: BC002844	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4791	CloneNo.: 6A10E9
Source: Mouse	ENSEMBL Gene ID: ENSG00000077150	
Isotype: IgG1	UNIPROT ID: Q00653	
Immunogen Catalog Number: AG28543	Full Name: nuclear factor of kappa light polypeptide gene enhancer in B-cells 2 (p49/p100)	
	Calculated MW: 97 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
Human

Background Information

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. P52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. P52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

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

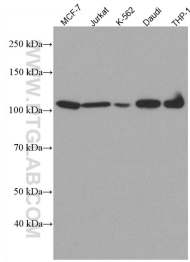
T: 4006900926

E: Proteintech-CN@ptglab.com

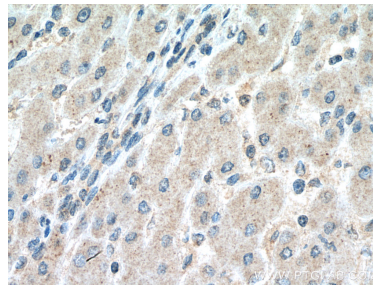
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66920-1-Ig (NFKB2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66920-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66920-1-Ig (NFKB2 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66920-1-PBS in a different storage buffer formulation.