

For Research Use Only

MultiPro™ 5CFLX Anti-Human NFKB2 (6A10E9)



Catalog Number: G66920-1-5C

Basic Information

Catalog Number: G66920-1-5C	GenBank Accession Number: BC002844	CloneNo.: 6A10E9
Size: 10ug, Concentration: 500ug/mL by Bradford method using BSA as the standard;	GeneID (NCBI): 4791	Conjugate: 5CFLX
Source: Mouse	ENSEMBL Gene ID: ENSG00000077150	Full Oligo Sequence: CGGAGATGTGTATAAGAGACAGCGAA GTGTGACATCTCCCATATAAGAAA
Isotype: IgG1	UNIPROT ID: Q00653	Barcode Sequence: CGAAGTGTGACATCT
Immunogen Catalog Number: AG28543	Full Name: MultiPro™ 5CFLX Anti-Human NFKB2 (6A10E9)	

Applications

Tested Applications:
Single Cell (Intra)

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'-GGRNNYCC-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

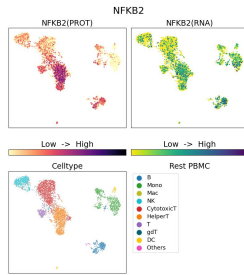
Storage:
2-8°C

Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

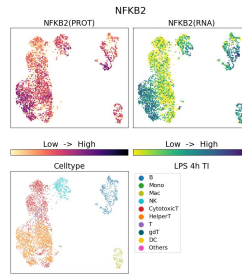
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



G66920-1-5C was used to stain Resting PBMC and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.



G66920-1-5C was used to stain PBMC under 4hr LPS + TI treatment and analyzed with 10x Genomics Gene Expression Flex with Feature Barcodes and Multiplexing kit with Fix-Stain protocol.