

For Research Use Only

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



Catalog Number:G66920-1-5C

## Basic Information

<b>Catalog Number:</b> G66920-1-5C	<b>GenBank Accession Number:</b> BC002844	<b>CloneNo.:</b> 6A10E9
<b>Size:</b> 500ug/mL	<b>GeneID (NCBI):</b> 4791	<b>Conjugate:</b> 5CFLX
<b>Source:</b> Mouse	<b>ENSEMBL Gene ID:</b> ENSG00000077150	<b>Full Oligo Sequence:</b> CGGAGATGTGTATAAGACAGCGAA GTGTGACATCTCCCATATAAGAAA
<b>Isotype:</b> IgG1	<b>UNIPROT ID:</b> Q00653	<b>Barcode Sequence:</b> CGAAGTGTGACATCT
<b>Immunogen Catalog Number:</b> AG28543	<b>Full Name:</b> 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'-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:**

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:

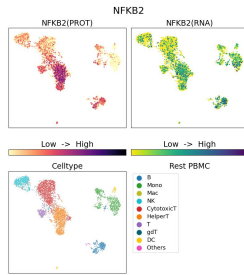
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

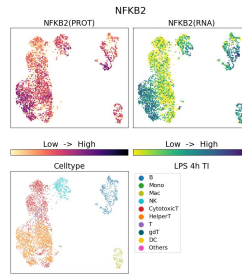
W: [ptgcn.com](http://ptgcn.com)

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## 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.