For Research Use Only

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

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:G66920-1-5C

## Basic Information

Catalog Number:
G66920-1-5C

Size:
500ug/mL

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG28543

GenBank Accession Number:
BC002844

GeneID (NCBI):
4791

ENSEMBL Gene ID:
ENSG00000077150

UNIPROT ID:
Q00653

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

CloneNo.:
6A10E9

Conjugate:
5CFLX

Full Oligo Sequence:
CGGAGATGTGTATAAGAGACAGCGAA GTGTGACATCTCCCATATAAGAAA

Barcode Sequence:
CGAAGTGTGACATCT

## Applications

Tested Applications:
Single Cell (Intra)

Species Specificity:
Human

## Background Information

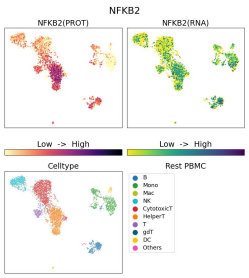
NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing 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

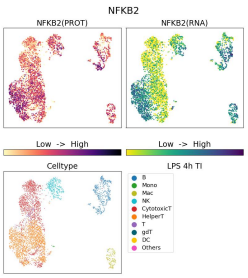
Storage:
2-8°C
Storage Buffer:
PBS with 1mM EDTA and 0.09% sodium azide

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

# 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.