Mouse NF-kB p65/RELA Monoclonal Antibody | anti-RELA antibody

NF-kB p65/RELA Mouse Monoclonal Antibody [Clone PCRP-RELA-2B6]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215891	**Mouse**	**Human and MousePredicted to react with Rat.**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NF-kB p65/RELA; Monoclonal Antibody; NF-kB p65/RELA Mouse Monoclonal Antibody [Clone PCRP-RELA-2B6]; Nuclear Factor NF Kappa B p65 Subunit; Nuclear factor of kappa light polypeptide gene enhancer in B cells 3; Transcription factor p65; V rel avian reticuloendotheliosis viral oncogene homolog A; V rel reticuloendotheliosis viral oncogene homolog A; nuclear factor of kappa light polypeptide gene enhancer in B cells 3; p65; NFKB3; anti-RELA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human and Mouse Predicted to react with Rat.
Clonality	Monoclonal
Isotype	Mouse/IgG1
Clone Number	PCRP-RELA-2B6
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-RELA antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human RELA protein
Cellular Localization	Nucleus. Also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B), Colocalized with RELA in the nucleus upon TNF-alpha induction
Positive Control	HeLa, U87, K562 or MCF-7 cells.
Hu-chromosome Location	11q13.1
Unigene	502875
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed HeLa cells. NF-kB p65/RELA Mouse Monoclonal Antibody (PCRP-RELA-2B6) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

ADDITIONAL INFORMATION

Related Product Information for anti-RELA antibody	Proteins encoded by the v-Rel viral oncogene and its cellular homolog, c-Rel, are members of a family of transcription factors that include the two subunits of the transcription factor N B (p50 and p65) and the Drosophila maternal morphogen, dorsal. Both proteins specifically bind to DNA sequences that are the same or slight variations of the 10 bp B sequence in the immunoglobulin light chain enhancer. This same sequence is also present in a number of other cellular and viral enhancers. The DNA binding activity of NF B is activated and NF B is subsequently transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors. cDNAs encoding precursors for two distinct proteins of the same size have been described, designated p105 and p100. The p105 precursor contains p50 at its N-terminus and a C-terminal region that when expressed as a separate molecule, designated pdI, binds to p50 and regulates its activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468681
NCBI GeneID	5970
NCBI Accession #	NP_001138610.1
NCBI GenBank Nucleotide #	NM_001145138.1
UniProt Accession #	Q04206; Q6GTV1; Q6SLK1
Molecular Weight	60,219 Da
NCBI Official Full Name	transcription factor p65 isoform 2
NCBI Official Synonym Full Names	v-rel reticuloendotheliosis viral oncogene homolog A (avian)
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; NFKB3
NCBI Protein Information	transcription factor p65; NF-kappa-B p65delta3; nuclear factor NF-kappa-B p65 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 3
UniProt Protein Name	Transcription factor p65
UniProt Gene Name	**RELA**
UniProt Synonym Gene Names	NFKB3
UniProt Entry Name	TF65_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/nf-kb-p65-rela-antibody-clone-pcrp-rela-2b6-western-blot-immunofluorescence-flow-cytometry-elisa/215891