

Datasheet: MCA6316

Description:	RABBIT ANTI NFkB p65
Specificity:	NFkB p65
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM273
Isotype:	IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/500 - 1/1500
Western Blotting	▪			1/500 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography of Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to the area near the C-terminus of NFkB p65
External Database Links	UniProt:

Entrez Gene:

[5970](#) RELA [Related reagents](#)

Synonyms NFKB3

Specificity **Rabbit anti Human NFkB p65 antibody** recognizes transcription factor p65, also known as RelA, NFKB3. Members of the NFkB family of transcription factors are critical regulators of immunity and inflammation in response to infection and injury. The most abundant form of NFkB comprises a heterodimer of the NFkB proteins p65 and p50. Under non-inflammatory conditions p65:p50 is held in the cytoplasm by inhibitor kappa b alpha (IKBa). When the cell senses an inflammatory stimulus such as tumor necrosis factor alpha (TNF alpha), IKBa is degraded and the nuclear localization signal (NLS) of p65 released. p65:p50 then enters the nucleus where it activates transcription of target genes, which include IKBa, comprising a negative feedback loop ([Giridharan and Srinivasan 2018](#)). Transient NFkB activation is important for a protective immune response, but constant activation underlies many chronic inflammatory diseases such as rheumatoid arthritis and inflammatory bowel disease (IBD) ([Liu et al. 2017](#)). NFkB is also constitutively activated in many types of cancer and has many pro-tumorigenic functions, particularly in cancers that emerge from sites of chronic inflammation ([Hoesel and Schmid 2013](#)).

Storage Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6316>
10048

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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