

Datasheet: MCA6037

Description:	MOUSE ANTI RelB
Specificity:	RelB
Other names:	IREL, I-Rel
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	17.3
Isotype:	IgG1
Quantity:	50 µg

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	▪			1/10 - 1/50
Immunoprecipitation	▪			
Western Blotting	▪			1 - 2 µg/ml
Immunofluorescence	▪			1 µg/ml
Immunocytochemistry	▪			1 µg/ml

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

Species Cross Reactivity

Reacts with: Rhesus Monkey, Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Recombinant protein derived from C-terminal region of human RelB protein
External Database Links	<p>UniProt: Q01201 Related reagents</p> <p>Entrez Gene: 5971 RELB Related reagents</p>
Specificity	<p>Mouse anti-RelB antibody, clone 17.3 recognizes the transcription factor RelB, also known as I-Rel. RelB is encoded by the v-rel avian reticuloendotheliosis viral oncogene homolog B gene and is a critical component of the NF-kappa-B pathway.</p> <p>Upon cleavage of the NF-kappa-B p105 and p100 subunits into the NF-kappa-B p50 and p52 subunits, RelB forms RelB-p50 and RelB-p52 heterodimers. These dimers act as activators of transcription by binding to kappaB sites present on DNA (Oeckinghaus and Ghosh 2009). RelB-p50 and RelB-p52 binding induces the expression of genes mediating immune responses, inflammation and apoptosis (Jing and Lee 2014).</p> <p>Misregulation of the NF-kappa-B pathway has been implicated in a variety of disease states including autoimmunity and cancer. As the NF-kappa-B pathway has been demonstrated to be constitutively active in a large group of tumors, developing NF-kappa-B inhibitors has emerged as a new cancer therapy approach (Chaturverdi et al. 2011 and Baud and Karin et al. 2009).</p>
Western Blotting	Mouse anti RelB antibody recognizes a band of approximately 63 kDa in THP-1 cell lysate, Daudi cell lysate, and Raji cell lysate
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight@800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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
'M361107:200210'

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