

## Datasheet: VMA00579

<b>Description:</b>	MOUSE ANTI NFKB p52
<b>Specificity:</b>	NFKB p52
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb™ Monoclonal
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	100 µl

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Mouse monoclonal antibody purified by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	HEPES buffered saline
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin <50% Glycerol
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human NFκB p52 (amino acids 1 - 454)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q00653</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4791</a>    NFKB2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	LYT10
<b>Specificity</b>	<b>Mouse anti Human NFκB p52 antibody</b> recognizes nuclear factor NF-κappa-B p100 subunit, also known as lymphocyte translocation chromosome 10 protein, nuclear factor Kappa-B subunit 2,

nuclear factor of Kappa light chain gene enhancer in B cells 2, oncogene Lyt-10 or transcription factor NFkB2.

The NFkB2 gene encodes one of the subunits of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB transcription factor complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The NFkB complex can consist of different subunits that form both homo- or heterodimers which bind specific kappa-B elements in target genes. NFkB2 encodes the p100 subunit that is processed into the active p52 subunit. This protein can function as both a transcriptional activator and repressor, depending on its dimer partner. Alternate splicing results in both coding and non-coding variants (provided by RefSeq, May 2012).

Mouse anti Human NFkB p52 antibody detects a band of 52 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

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**Western Blotting** Anti NFkB p52 detects a band of approximately 52 kDa in Raji cell lysates

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**Instructions For Use** Please refer to the [PrecisionAb western blotting protocol](#). For additional information on secondary antibody dilution and exposure time see product web page.

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**Storage** Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

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**Shelf Life** As supplied, 12 months from date of despatch.

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**Acknowledgements** PrecisionAb™ is a trademark of Bio-Rad Laboratories.

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**Health And Safety Information** Material Safety Datasheet documentation #20359 available at: Antibody (20359): <https://www.bio-rad-antibodies.com/uploads/MSDS/20359.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

### Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

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