

Datasheet: VMA00579

Description:	MOUSE ANTI NFKB p52
Specificity:	NFKB p52
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Isotype:	IgG2b
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein G from ascites
Buffer Solution	HEPES buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin <50% Glycerol
Immunogen	<i>E. coli</i> -derived recombinant human NFκB p52 (amino acids 1 - 454)
External Database Links	<p>UniProt: Q00653 Related reagents</p> <p>Entrez Gene: 4791 NFKB2 Related reagents</p>
Synonyms	LYT10
Specificity	Mouse anti Human NFκB p52 antibody 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.

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

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.

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

Guarantee As supplied, 12 months from date of despatch.

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

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

Regulatory For research purposes only

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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