

Datasheet: MCA6034

BATCH NUMBER 153387

Description:	RAT ANTI TOLLIP
Specificity:	TOLLIP
Other names:	TOLL-INTERACTING PROTEIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Kimmy-1
Isotype:	IgG2a
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
Immunoprecipitation	▪			
Western Blotting	▪			5 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

Mouse

Species Cross Reactivity

Reacts with: Human

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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.02% Sodium Azide (NaN₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant mouse TOLLIP
External Database Links	<p>UniProt: Q9QZ06 Related reagents</p> <p>Entrez Gene: 54473 Tollip Related reagents</p>
Specificity	<p>Rat anti TOLLIP antibody clone Kimmy-1 recognizes Toll-interacting protein (TOLLIP), an ubiquitin binding protein that plays an important role in regulating the innate immune response.</p> <p>TOLLIP, as the name implies, interacts with a number of Toll-like receptors thereby mediating the regulation of the autophagic clearance and NF-kappaB pathways. The latter pathway, TOLLIP mainly regulates through controlling phosphorylation levels of the IRAK1 kinase. TOLLIP deficiencies have been implicated in increased tuberculosis susceptibility (Sha et al. 2012).</p>
Western Blotting	Rat anti TOLLIP recognizes a band of ~30 kDa by western blot.
Further Reading	1. Shah, J.A. . (2012) Human TOLLIP regulates TLR2 and TLR4 signaling and its polymorphisms are associated with susceptibility to tuberculosis. J Immunol. 189(4):1737-46
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: https://www.bio-rad-antibodies.com/SDS/MCA6034 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR16...)	DyLight@800
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (STAR69...)	FITC

Goat Anti Rat IgG (STAR73...) [RPE](#)
Rabbit Anti Rat IgG (STAR21...) [HRP](#)
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) [DyLight@550](#), [DyLight@650](#), [DyLight@800](#)
Goat Anti Rat IgG (STAR131...) [Alk. Phos.](#), [Biotin](#)
Goat Anti Rat IgG (STAR72...) [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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
'M345642:190125'

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