

Datasheet: MCA6034

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 ug/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.
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Recombinant mouse TOLLIP
External Database Links	UniProt: Q9QZ06 Related reagents Entrez Gene:

Specificity	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. 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).
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	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.
Shelf Life	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

Rabbit Anti Rat IgG (STAR16...)	DyLight®800
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight®549 , DyLight®649 , DyLight®800
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin
Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR72...)	HRP

Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL \(MCA1212\)](#)

Recommended Useful Reagents

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

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