

Datasheet: MCA6410GA

Description:	MOUSE ANTI HUMAN SINTBAD
Specificity:	SINTBAD
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AB01/2C8
Isotype:	IgG1
Quantity:	0.1 mg

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

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
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	<i>E. coli</i> -derived recombinant protein, aa 1-279 of human TBKBP1
External Database Links	UniProt:

Entrez Gene:

[9755](#) TBKBP1 [Related reagents](#)

Synonyms KIAA0775

Specificity **Mouse anti Human SINTBAD antibody** recognizes the protein SINTBAD, otherwise known as TANK-binding kinase 1-binding protein 1 or TBK1-binding protein 1.

SINTBAD acts as an adaptor protein and plays a role in antiviral innate responses by essentially binding to TBK1 and IKBKE ([Ryzhakov and Randow, 2007](#)). Interaction of these kinases induces phosphorylation and following activation of IRF-3 transcription factor thus leading to gene regulation for immune responses ([Fitzgerald et al. 2003](#)). There is evidence that show IKBKE and TBK1 are crucial oncogenes for activation of a number of signalling pathways in numerous tumours ([Wang et al. 2019](#)). In addition, SINTBAD protein is involved in the facilitation autophagy-initiating kinase ULK1 to control IL-15-induced autophagy in natural killer T cells ([Zhu et al. 2018](#)).

Mouse anti Human SINTBAD antibody detects a band of 80 kDa.

Western Blotting Mouse anti Human SINTBAD antibody detects a band of 80 kDa in HEK293 cell lysates

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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/MCA6410GA>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR76...)	RPE

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [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
'M415009:221215'

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