

Datasheet: MCA2489

BATCH NUMBER 171484

Description:	MOUSE ANTI STREP-TAG CLASSIC
Specificity:	STREP-TAG CLASSIC
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Strep-tag II
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting	▪			0.2 ug/ml - 0.5 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	Synthetic Peptide
Product Form	Purified IgG - lyophilized
Reconstitution	Reconstitute with 0.2 ml water. The addition of 0.09% sodium azide is recommended for long term storage.
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	None present

Stabilisers

Approx. Protein Concentrations

IgG concentration 0.5 mg/ml

Immunogen

Strep-tag II peptide (WSHPQFEK) conjugated to Keyhole Limpet Hemocyanin.

RRID

AB_609795

Specificity

Mouse anti Strep-Tag Classic antibody, clone Strep-tag II, also known as StrepMAB-Classic, recognizes Strep-tag II, a widely used tag in protein expression applications. This antibody recognizes both-C- and N-terminal Strep-tag II and is especially suited to Western blot applications.

References

1. Renzi F *et al.* (2015) Glycan-Foraging Systems Reveal the Adaptation of *Capnocytophaga canimorsus* to the Dog Mouth. [MBio. 6 \(2\): .pii: e02507-14.](#)
2. Gordon, C.A. *et al.* (2015) NUSAP1 expression is upregulated by loss of RB1 in prostate cancer cells. [Prostate. 75 \(5\): 517-26.](#)
3. Oda, S. *et al.* (2015) Crystal Structure of Marburg Virus VP40 Reveals a Broad, Basic Patch for Matrix Assembly and a Requirement of the N-Terminal Domain for Immunosuppression. [J Virol. 90 \(4\): 1839-48.](#)
4. Mavrakis, M. *et al.* (2016) Purification of recombinant human and *Drosophila* septin hexamers for TIRF assays of actin-septin filament assembly. [Methods Cell Biol. 136: 199-220.](#)

Storage

This product is shipped at ambient temperature.
Prior to reconstitution store at +4°C.
After reconstitution store at -20°C.
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.

Guarantee

12 months from date of despatch

Acknowledgements

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Health And Safety Information

Material Safety Datasheet documentation #10294 available at: <https://www.bio-rad-antibodies.com/SDS/MCA2489>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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Printed on 29 Jan 2026