

Datasheet: MCA2489

**BATCH NUMBER 165143**

<b>Description:</b>	MOUSE ANTI STREP-TAG CLASSIC
<b>Specificity:</b>	STREP-TAG CLASSIC
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	Strep-tag II
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Synthetic Peptide
<b>Product Form</b>	Purified IgG - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.2 ml water. The addition of 0.09% sodium azide is recommended for long term storage.
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	None present

## Stabilisers

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### Approx. Protein Concentrations

IgG concentration 0.5 mg/ml

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### Immunogen

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

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### RRID

AB\_609795

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### 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.

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### 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.](#)

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### Storage

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.

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### Guarantee

12 months from date of despatch

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### Acknowledgements

Sold under license of IBA

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### Health And Safety Information

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

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### Regulatory

For research purposes only

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## 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](#)

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