

Datasheet: MCA1129

BATCH NUMBER 173483

Description:	MOUSE ANTI HUMAN IgA SECRETORY CHAIN
Specificity:	IgA SECRETORY CHAIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	Mc29-12
Isotype:	IgG1
Quantity:	0.2 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			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Tris buffered saline
Preservative Stabilisers	<0.1% sodium azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1mg/ml

External Database**Links****UniProt:**[P01876](#) [Related reagents](#)[P01877](#) [Related reagents](#)**Entrez Gene:**[3493](#) IGHA1 [Related reagents](#)[3494](#) IGHA2 [Related reagents](#)

RRID

AB_322194

Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the NS-1 myeloma cell line.

Specificity

Mouse anti Human IgA secretory chain antibody, clone Mc29-12 recognizes purified human secretory - chain and secretory IgA. No reaction against myeloma IgA (native or reduced and alkylated). Negative against normal human IgM, myeloma IgM, normal human IgG; free kappa or gamma chains, and J-chain. Typical pattern on frozen and paraffin embedded sections of intestinal and breast tissue.

References

1. Baldas, V. *et al.* (2004) Testing for anti-human transglutaminase antibodies in saliva is not useful for diagnosis of celiac disease. [Clin Chem. 50: 216-9.](#)

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 #10057 available at: <https://www.bio-rad-antibodies.com/SDS/MCA1129>

Regulatory

For research purposes only

Related Products**Recommended Secondary Antibodies**Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)Goat Anti Mouse IgG (STAR70...) [FITC](#)Goat Anti Mouse IgG (STAR77...) [HRP](#)Goat Anti Mouse IgG (STAR76...) [RPE](#)Rabbit Anti Mouse IgG (STAR12...) [RPE](#)Rabbit Anti Mouse IgG (STAR13...) [HRP](#)Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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
'M450643:260415'

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