

Datasheet: MCA2116P

Description:	MOUSE ANTI HUMAN IgE:HRP
Specificity:	IgE
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	1A2
Isotype:	IgG1
Quantity:	0.5 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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/500 - 1/1000
Western Blotting			▪	

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 conjugated to horseradish peroxidase (HRP) - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Chimaeric human IgE.

External Database**Links****UniProt:**

[P01854](#) [Related reagents](#)

Entrez Gene:

[3497](#) IGHE [Related reagents](#)

RRID

AB_324465

Specificity

Mouse anti Human IgE antibody, clone 1A2 recognizes human IgE and no cross-reactivity to other human immunoglobulin classes or subclasses has been detected.

References

1. Vigh-Conrad, K.A. *et al.* (2010) A protein allergen microarray detects specific IgE to pollen surface, cytoplasmic, and commercial allergen extracts. [PLoS One. 5\(4\): e10174.](#)
 2. Sogawa, K. *et al.* (2018) Search for a Novel Allergen in Hen's Egg Allergy Using an IgE Immunoblotting Assay. [Int Arch Allergy Immunol. 176 \(3-4\): 189-97.](#)
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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 #10094 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA2116P>
10094

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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