

Datasheet: HCA310A

Description:	HUMAN ANTI MOUSE IgG2a:Alk. Phos
Specificity:	IgG2a
Format:	Alk. Phos.
Product Type:	Monoclonal Antibody
Clone:	AbD24124
Isotype:	HuCAL Fab bivalent
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
Immunohistology - Paraffin	▪			1/100 - 1/1000
ELISA	▪			

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

Mouse

Product Form

A bivalent human recombinant Fab selected from the HuCAL® phage display library, expressed in E. coli. This Fab fragment is dimerized via an inactive variant of the bacterial alkaline phosphatase (BAP) fusion protein. The antibody is tagged with DYKDDDDK and His (HHHHHH) tags. This antibody is supplied conjugated to Alkaline Phosphatase - liquid

Preparation

Prepared by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

Approx. Protein Concentrations

Antibody concentration 1.0 mg/ml

Specificity

Human anti Mouse IgG2a monoclonal antibody, clone AbD24124, recognizes the

IgG2a isotype of the primary antibody, with no species cross reactivity against mouse IgG1 and mouse IgG2b primary antibodies. This antibody allows for more than one unlabelled mouse monoclonal antibody to be used at any one time permitting multiplexing.

Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. 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	Sold under license of U.S. Patents 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad. His-tag is a registered trademark of EMD Biosciences.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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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)
'M386823:210528'

Printed on 28 May 2021

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