

Datasheet: MCA1396A BATCH NUMBER 158897

Description:	MOUSE ANTI HISTIDINE TAG:ALK.PHOS.
Specificity:	HISTIDINE TAG
Format:	Alk. Phos.
Product Type:	Monoclonal Antibody
Clone:	AD1.1.10
Isotype:	lgG1
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	•			1/20 - 1/1000
Immunoprecipitation				
Western Blotting	-			1/1000 - 1/5000

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	Synthetic Peptide	
Product Form	Purified IgG conjugated to Alkaline Phosphatase - liquid	
Preparation	Purified IgG prepared by affinity chromatography on Protein C supernatant	From tissue culture
Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)	
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml	

Immunogen	PAX6 transcription factor linked to histidine tag.
RRID	AB_1605025
Fusion Partners	Spleen cells from immunised Balb/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity	Mouse anti Histidine tag antibody, clone AD1.1.10 recognizes proteins and peptides containing the motif H-H-H-H-H and is therefore of value in detecting proteins containing histidine tags. Clone AD1.1.10 has been used to detect and purify histidine-tagged proteins expressed in mammalian (Hoffmann <i>et al.</i> 2007) and Hwang <i>et al.</i> 2008) and non-mammalian (Zheng <i>et al.</i> 2007; Gunnarsen <i>et al.</i> 2010; and de Vooght <i>et al.</i> 2012) cell lines.
	In Western blotting of bacterial extracts the antibody has been shown not to cross-react with any endogenous products, although some cross-reactivity may be seen with extracts of insect or mammalian cells.
	This antibody is routinely tested in Western blotting on histidine tagged recombinant proteins and reacts against all histidine-tagged proteins so far tested.

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Storage	Store at +4°C. DO NOT FREEZE.
	This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Acknowledgements	His-tag is a registered trademark of EMD Biosciences.
Health And Safety	Material Safety Datasheet documentation #10040 available at:
Information	https://www.bio-rad-antibodies.com/SDS/MCA1396A
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Regulatory	For research purposes only

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