

Datasheet: MCA1396P BATCH NUMBER 159425

Description:	MOUSE ANTI HISTIDINE TAG:HRP		
Specificity:	HISTIDINE TAG		
Format:	HRP		
Product Type:	Monoclonal Antibody		
Clone:	AD1.1.10		
lsotype:	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 <u>www.bio-</u>						
	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 tec	hnique this does not		
	necessarily exclude its use in such procedures. It is recommended that the user titrates						
	the antibody for use in the	eir own sy	/stem usi	ng appropriate negativ	e/positive controls.		
Target Species	Synthetic Peptide						
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid						
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant						
Buffer Solution	Phosphate buffered saline						
Preservative Stabilisers	0.01% Thiomersal						
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml						

Immunogen	PAX6 transcription factor linked to histidine tag.
RRID	AB_323592
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 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 <u>de Vooght <i>et al.</i></u> 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	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			
Acknowledgements	His-tag is a registered trademark of EMD Biosciences.			
Health And Safety Information	Material Safety Datasheet documentation #10094 available at: https://www.bio-rad-antibodies.com/SDS/MCA1396P 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)

North & South	Tel: +1 800 265 7376	Worldwide	Tel: +44 (0)1865 852 700	Europe	Tel: +49 (0) 89 8090 95 21
America	Fax: +1 919 878 3751		Fax: +44 (0)1865 852 739		Fax: +49 (0) 89 8090 95 50
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