

Datasheet: MCA1396A488 BATCH NUMBER 163147

Description:MOUSE ANTI HISTIDINE TAG: Alexa Fluor® 488Specificity:HISTIDINE TAGFormat:ALEXA FLUOR® 488Product Type:Monoclonal AntibodyClone:AD1.1.10Isotype:IgG1Quantity:100 TESTS/1ml		
Format:ALEXA FLUOR® 488Product Type:Monoclonal AntibodyClone:AD1.1.10Isotype:IgG1	Description:	MOUSE ANTI HISTIDINE TAG:Alexa Fluor® 488
Product Type:Monoclonal AntibodyClone:AD1.1.10Isotype:IgG1	Specificity:	HISTIDINE TAG
Clone: AD1.1.10 Isotype: IgG1	Format:	ALEXA FLUOR® 488
Isotype: IgG1	Product Type:	Monoclonal Antibody
	Clone:	AD1.1.10
Quantity: 100 TESTS/1ml	lsotype:	lgG1
	Quantity:	100 TESTS/1ml

Product Details

Applications	derived from testing w communications from	ne following application peer-reviewed publica e refer to references in idations, please visit <u>w</u>	indicated for further		
		Yes No	Not Determined	Suggested Dilution	
	Flow Cytometry	-			
	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 Alexa Fluor® 488 - liquid				
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)		
	Alexa Fluor®488	495	519		
Preparation	Purified IgG prepared supernatant	by affinity chromatog	raphy on Protein G fror	n tissue culture	
Buffer Solution	Phosphate buffered saline				
Preservative	0.09% Sodium Azide				
Stabilisers	1% Bovine Serum Albumin				
Approx. Protein Concentrations	IgG concentration 0.0	5 mg/ml			

Immunogen	PAX6 transcription factor linked to histidine tag.
RRID	AB_877447
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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Guarantee	12 months from date of despatch				
	Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.				
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store a -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.				
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