Datasheet: MCA1396D800GA

BATCH NUMBER 153640

Description:	MOUSE ANTI HISTIDINE TAG:DyLight®800
Specificity:	HISTIDINE TAG
Format:	DyLight®800
Product Type:	Monoclonal Antibody
Clone:	AD1.1.10
Isotype:	IgG1
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
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 DyLight®800 - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
Dylight®800	777	794

Preparation

Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations

IgG concentration 1.0mg/ml

Immunogen

PAX6 transcription factor linked to histidine tag.

RRID	AB_11152596
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-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 *et al.* 2007) and Hwang *et al.* 2008) and non-mammalian (Zheng *et al.* 2007; Gunnarsen *et al.* 2010; and de Vooght *et al.* 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 or at -20°C if preferred.

	This product should be stored undiluted. Storage in frost free freezers is not recommended. 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	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. His-tag is a registered trademark of EMD Biosciences.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA1396D800GA 10040
Regulatory	For research purposes only

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