**Product Details**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<td>1/20 - 1/1000</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<td>Western Blotting</td>
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<td>1/1000 - 1/5000</td>
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</tbody>
</table>

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 Horseradish Peroxidase (HRP) - liquid

**Preparation**

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

**Buffer Solution**

Phosphate buffered saline

**Preservative**

0.01% Thiomersal

**Stabilisers**

HRP Stabiliser ([BUF052A](#))

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

PAX6 transcription factor linked to histidine tag.

**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.

References

17. Peyrassol, X. et al. (2016) Development by Genetic Immunization of Monovalent Antibodies

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.

Shelf Life
18 months from date of despatch.

Acknowledgements
His-tag is a registered trademark of EMD Biosciences.

Health And Safety Information

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)

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