

## Datasheet: 3960-0506

<b>Description:</b>	MOUSE ANTI BOVINE DOPAMINE BETA HYDROXYLASE
<b>Specificity:</b>	DOPAMINE BETA HYDROXYLASE
<b>Other names:</b>	DBH
<b>Format:</b>	Ascites
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	4F10.2 (4F9/9)
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.1 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			■	
Immunohistology - Paraffin (1)	■			
Western Blotting			■	
Immunofluorescence			■	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**(1) This product requires antigen retrieval using citrate pH 6.0 prior to staining of paraffin sections.**

<b>Target Species</b>	Bovine
<b>Species Cross Reactivity</b>	<p>Reacts with: Rat</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Ascites - liquid
<b>Preservative</b>	0.05% Sodium Azide (NaN <sub>3</sub> )

## Stabilisers

**Immunogen** Purified Bovine DBH.

## External Database Links

### UniProt:

[P15101](#)

[Related reagents](#)

### Entrez Gene:

[280758](#)

DBH

[Related reagents](#)

**RRID** AB\_619949

**Specificity** **Mouse anti Bovine dopamine beta hydroxylase antibody, clone 4F10.2** recognizes bovine dopamine beta hydroxylase (DBH). dopamine beta hydroxylase is a membrane bound, enzyme responsible for the synthesis of small molecule neurotransmitters.

**Histology Positive Control Tissue** Brain (Striatum/Substantia Nigra)

**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

**Health And Safety Information** Material Safety Datasheet documentation #10081 available at: 10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

**Regulatory** For research purposes only

## Related Products

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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