

Datasheet: 3960-0506

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

	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.**

Target Species	Bovine
Species Cross Reactivity	Reacts with: Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Ascites - liquid
Preservative Stabilisers	0.05% Sodium Azide (NaN ₃)
Immunogen	Purified Bovine DBH.
External Database Links	<p>UniProt: P15101 Related reagents</p> <p>Entrez Gene: 280758 DBH Related reagents</p>

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 Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. 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

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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