Datasheet: MCA2246

Description: MOUSE ANTI HUMAN AMH

Specificity: AMH

Other names: ANTI MULLERIAN HORMONE

Format: Con S/N

Product Type: Monoclonal Antibody

Clone: 5/6

Isotype: IgG1

Quantity: 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.

<table>
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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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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 appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species: Human

Species Cross Reactivity: Reacts with: Mouse, Sheep, Squirrel monkey, Baboon

N.B. Antibody reactivity and working conditions may vary between species.

Product Form: Concentrated Tissue Culture Supernatant - liquid

Preservative Stabilisers: 0.1% Sodium Azide

Immunogen: Synthetic peptide derived from human AMH (VPTAYAGKLLISLSEERISAHHVPNMVATEC)

External Database Links

UniProt: P03971 Related reagents

Entrez Gene:

Page 1 of 3
AMH Related reagents

Synonyms MIF

Fusion Partners Spleen cells from immunised T/O outbred mice were fused with cells of the SP2/0 myeloma cell line.

Specificity

Mouse anti Human AMH, clone 5/6 recognizes human anti-mullerian hormone (AMH), originally classified as a foetal testicular hormone that inhibits Mullerian duct development. AMH is expressed post-natally by immature Sertoli cells, and to a lesser degree by granulosa cells. AMH plays a role in testicular differentiation and in the regulation of ovarian follicle growth.

AMH is a member of the TGF beta superfamily. It is secreted as a homodimeric ~140 kDa disulphide linked precursor that is cleaved to release the mature ~30 kDa homodimer.

Histology Positive Control Tissue Ovary

References


**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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life**

18 months from date of despatch

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...): Alk. Phos., HRP
- Goat Anti Mouse IgG (STAR77...): HRP
- Rabbit Anti Mouse IgG (STAR12...): RPE
- Rabbit Anti Mouse IgG (STAR8...): DyLight®800
- Rabbit Anti Mouse IgG (STAR13...): HRP
- Goat Anti Mouse IgG (STAR76...): RPE
- Goat Anti Mouse IgG (STAR70...): FITC
- Goat Anti Mouse IgG (H/L) (STAR117...): Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
- Goat Anti Mouse IgG (Fc) (STAR120...): FITC, HRP
- Rabbit Anti Mouse IgG (STAR9...): FITC
- Human Anti Mouse IgG1 (HCA036...): HRP

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