

Datasheet: MCA2246T

BATCH NUMBER 164109

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|----------------------|------------------------|
| 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: | 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 |
|--------------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ▪ | |
| Immunohistology - Frozen | | | ▪ | |
| Immunohistology - Paraffin (1) | ▪ | | | 1/20 - 1/40 |

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. 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.

Product Form

Concentrated tissue culture supernatant - liquid

Preparation

Concentrated Tissue Culture Supernatant containing 0.1M Tris/HCl pH7.4 and 5-10%

foetal calf serum.

Preservative Stabilisers

0.1% sodium azide (NaN₃)

Immunogen

Synthetic peptide derived from human AMH (VPTAYAGKLLISLSEERISAHHVPNMVATEC)

External Database Links

UniProt:

[P03971](#) [Related reagents](#)

Entrez Gene:

[268](#) AMH [Related reagents](#)

Synonyms

MIF

RRID

AB_2226470

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

Human ovary

References

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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.

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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #10451 available at: https://www.bio-rad-antibodies.com/SDS/MCA2246T 10451 |
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| Regulatory | For research purposes only |
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Related Products

Recommended Secondary Antibodies

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|---|---|
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight@488 , DyLight@550 , DyLight@650 , DyLight@680 , DyLight@800 , FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |

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|----------------------------------|---|------------------|---|---------------|---|
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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)
'M413875:221128'

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