# Recombinant Muellerian-inhibiting factor Antibody

Mouse Monoclonal Antibody [Clone rAMH/332]

| Catalog No | Format | Size |
|---|---|---|
| 268-MSM2-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 268-MSM2-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 268-MSM2-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

| | |
|---|---|
| **Clone** | rAMH/332 |
| **Immunogen** | Recombinant fragment (around aa 527-557) of human AMH protein |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 |
| **Mol. Weight of Antigen** | 59.19kDa |
| **Cellular Localization** | Secreted |
| **Species Reactivity** | Human |
| **Positive Control** | In ovaries, AMH is detected in granulosa cells of early growing follicles |

**Optimal dilution for a specific application should be determined.*

## Product Images for Recombinant Muellerian-inhibiting factor Antibody

### Specificity & Comments

Plays an important role in several reproductive functions. Induces Muellerian duct regression during male fetal sexual differentiation (PubMed:34155118, PubMed:3754790, PubMed:8469238). Also plays a role in Leydig cell differentiation and function (By similarity). In female acts as a negative regulator of the primordial to primary follicle transition and decreases FSH sensitivity of growing follicles (PubMed:14742691). AMH signals by binding to a specific type-II receptor, AMHR2, that heterodimerizes with type-I receptors (ACVR1 and BMPR1A), and recruiting SMAD proteins that are translocated to the nucleus to regulate target gene expression (PubMed:20861221, PubMed:34155118).

### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.