

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).

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.

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.