

Product datasheet for **AM05878SU-N**

AMH Mouse Monoclonal Antibody [Clone ID: 5/6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5/6
Applications:	IHC, WB
Recommended Dilution:	Western blot. Immunohistology on Paraffin Sections: 1/20-1/40 (Requires antigen retrieval using heat treatment methods prior to staining, Sodium Citrate buffer pH 6.0 is recommended for this purpose). Recommended Positive Control: Ovary Tissue.
Reactivity:	Human, Monkey, Mouse, Sheep
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide derived from Human AMH. Spleen cells from immunised T/O outbred mice were fused with cells of the SP2/0 myeloma cell line
Specificity:	This antibody clone 5/6 is specific for Human anti-Mullerian Hormone (AMH), originally classified as a foetal testicular hormone that inhibits Mullerian duct development. AMH is a member of the TGF beta superfamily. It is secreted as a homodimeric 140kD disulphide linked precursor that is cleaved to release the mature 30kD homodimer.
Formulation:	State: Supernatant State: Liquid Concentrated Tissue Culture Supernatant Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	anti-Mullerian hormone
Database Link:	Entrez Gene 268 Human P03971



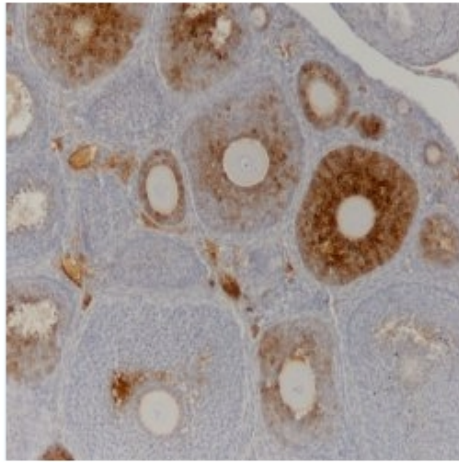
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Background:

Anti Mullerian Hormone (AMH) is a member of the TGF beta superfamily. It is secreted as a homodimeric 140kD disulphide linked precursor that is cleaved to release the mature 30kD homodimer. 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.

Synonyms:

Muellerian-inhibiting factor, MIF, MIS

Product images:

Immunohistochemistry: AM05878SU-N AMH antibody staining of Formalin Fixed Paraffin processed ovary tissue from a 25 day old Mouse.