

## Anti-AMH Antibody (5V998)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	5V998
Purification:	Protein A

## Applications

Verified Activity:	Immunochemical staining of human AMH in human testis with mouse monoclonal antibody at 1:30 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:20-1:50

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human AMH Protein (TMPY-05176)
Antigen Species:	Human
Synonyms:	anti-Mullerian hormone;MIS;MIF

## Research Background

Anti-Mullerian hormone (AMH), a member of the TGF-beta superfamily, is produced by granulosa cells (GCs) of preantral and small antral follicles and plays a role in regulating the recruitment of primordial follicles and the FSH-dependent development of follicles. BMP15 up-regulates the transcription of AMH and that the inhibition of p38 MAPK decreases the BMP15-induced expression of AMH and SOX9, suggesting that BMP15 up-regulates the expression of AMH via the p38 MAPK signaling pathway, and this process involves the SOX9 transcription factor. AMH is widely used for assessing ovarian reserve, and it is particularly convenient, because it is thought to have minimal variability throughout the menstrual cycle. Fetal anti-Mullerian hormone (AMH) is responsible for normal male sexual differentiation, and circulating AMH is used as a marker of testicular tissue in newborns with disorders of sex development. Anti-Mullerian hormone (AMH) produced in the developing testis induces the regression of the Mullerian duct, which develops into the oviducts, uterus and upper vagina. As well as other hormone receptors, and a decreased ovarian cortex cell proliferation. These results help understand the inhibitory effects of AMH on follicular development.

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