

For Research Use Only

# AMH Recombinant antibody

Catalog Number: 84153-5-RR



## Basic Information

<b>Catalog Number:</b> 84153-5-RR	<b>GenBank Accession Number:</b> BC049194	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 268	<b>CloneNo.:</b> 241148C8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P03971	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> anti-Mullerian hormone	
<b>Immunogen Catalog Number:</b> AG5670	<b>Calculated MW:</b> 59 kDa <b>Observed MW:</b> 60-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, mouse ovary tissue IHC : human ovary cancer tissue,
<b>Species Specificity:</b> human, mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Anti-Müllerian hormone (AMH), also called Müllerian-inhibiting substance (MIS), is a hormone that is best known for its production by fetal testes in mammals and as the inhibitor of Müllerian duct development in males. AMH is also expressed in granulosa cells of preantral and small antral follicles in the ovary. More recently, AMH has been studied for its role in ovarian folliculogenesis and as a potential marker of ovarian reserve. The deduced protein sequence of the AMH monomer contains a 25 amino acid secretion specific signal peptide and a monomeric protein of 535 amino acids that, when glycosylated at two glycosylation sites, has a molecular weight of 65-70 kDa.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

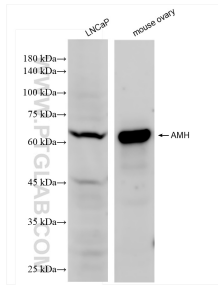
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

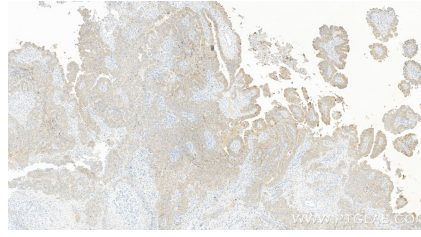
W: [ptgcn.com](http://ptgcn.com)

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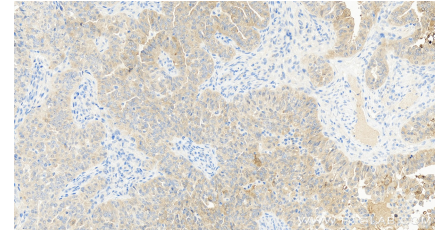
## Selected Validation Data



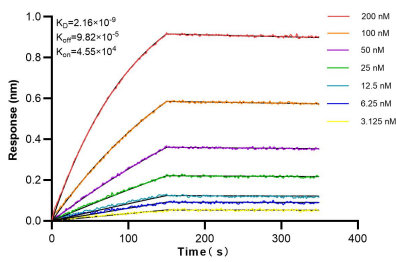
Various lysates were subjected to SDS PAGE followed by western blot with 84153-5-RR (AMH antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 84153-5-RR (AMH antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 84153-5-RR (AMH antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84153-5-RR against Human AMH were performed. The affinity constant is 2.16 nM.