

For Research Use Only

# AMH Recombinant antibody, PBS Only (Capture)

Catalog Number: 84153-4-PBS



## Basic Information

<b>Catalog Number:</b> 84153-4-PBS	<b>GenBank Accession Number:</b> BC049194	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 268	<b>CloneNo.:</b> 241148G10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P03971	
<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> 60-70 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, mouse

## Product Information

84153-4-PBS targets AMH as part of a matched antibody pair:

MP01075-3: 84153-4-PBS capture and 84153-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## 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

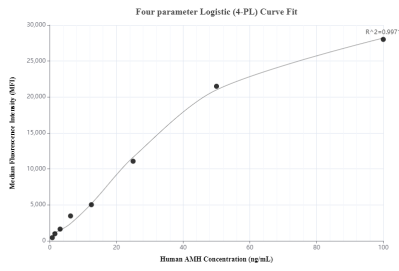
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

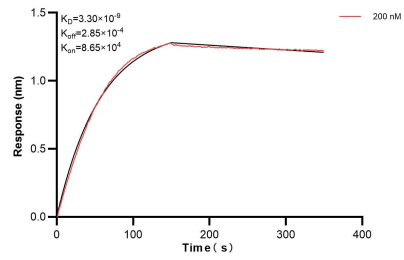
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Cytometric bead array standard curve of MP01075-3, AMH Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84153-4-PBS. Detection antibody: 84153-1-PBS. Standard: Ag5670. Range: 0.781-100 ng/mL.



Bilayer interferometry (BLI) kinetic assay of 84153-4-PBS against Human AMH was performed. The affinity constant is 3.30 nM.