

For Research Use Only

AMH Polyclonal antibody

Catalog Number: 23479-1-AP

1 Publications



Basic Information

Catalog Number: 23479-1-AP	GenBank Accession Number: BC049194	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 268	Recommended Dilutions: IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	Full Name: anti-Mullerian hormone	
Isotype: IgG	Calculated MW: 59 kDa	
Immunogen Catalog Number: AG20166		

Applications

Tested Applications: IF, IHC, ELISA	Positive Controls: IHC : human ovary tissue, rat ovary tissue
Cited Applications: IF	IF : HeLa cells,
Species Specificity: human, rat	
Cited Species: human	

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 dimeric glycoprotein and a member of the TGF- β family. AMH, produced by the Sertoli cells of the fetal testis, induces the regression of the Müllerian ducts, the anlagen of the female reproductive tract. However, after birth, this sex-dimorphic expression pattern is lost and AMH is also expressed in granulosa cells of growing follicles in the ovary. More recently, AMH has been studied for its role in ovarian folliculogenesis and as a potential marker of ovarian reserve.

Notable Publications

Author	Pubmed ID	Journal	Application
Xinyang Zhao	36926803	ACS Appl Mater Interfaces	IF

Storage

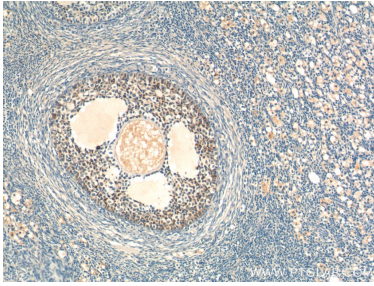
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

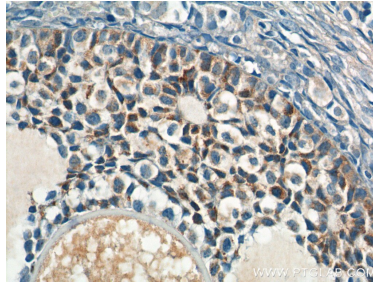
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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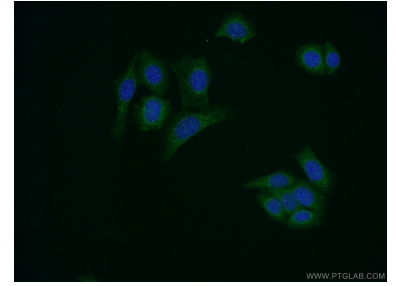
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tissue slide using 23479-1-AP (AMH Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tissue slide using 23479-1-AP (AMH Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 23479-1-AP (AMH antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).