

For Research Use Only

# MED29 Polyclonal antibody, PBS Only

Catalog Number: 33366-1-PBS



## Basic Information

<b>Catalog Number:</b> 33366-1-PBS	<b>GenBank Accession Number:</b> NM_017592.2	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55588	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NX70	
<b>Isotype:</b> IgG	<b>Full Name:</b> mediator complex subunit 29	
<b>Immunogen Catalog Number:</b> AG38949	<b>Calculated MW:</b> 21kDa 200aa	
	<b>Observed MW:</b> 21-25 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IP, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Mediator of RNA polymerase II transcription subunit 29 (MED29) is also named as Mediator complex subunit 29 and Intersex-like protein (IXL). MED29 is one of the most highly conserved proteins across species and is widely expressed in humans both during embryonic development and in adult tissues (PMID: 15555573). MED29 was overexpressed in pancreatic cancer and promoted pancreatic cancer cell viability (PMID: 21225629, PMID: 17332321). MED29 facilitated the epithelial-mesenchymal transition process in OSCC, thereby promoting migration and invasion (PMID: 39462350).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

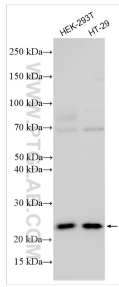
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

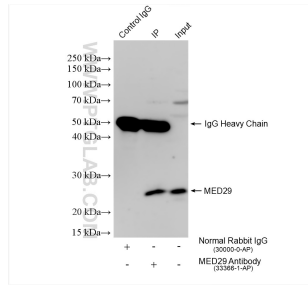
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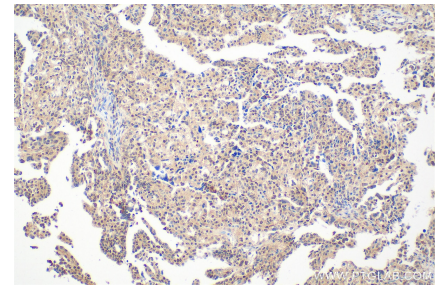
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33366-1-AP (MED29 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33366-1-PBS in a different storage buffer formulation.



IP result of anti-MED29 (IP:33366-1-AP, 4ug; Detection:33366-1-AP 1:800) with HT-29 cells lysate 1760 ug. This data was developed using the same antibody clone with 33366-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 33366-1-AP (MED29 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 33366-1-PBS in a different storage buffer formulation.