

For Research Use Only

# ADAMDEC1 Polyclonal antibody

Catalog Number: 17899-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

17899-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12265

### GenBank Accession Number:

BC074877

### GeneID (NCBI):

27299

### UNIPROT ID:

O15204

### Full Name:

ADAM-like, decysin 1

### Calculated MW:

470 aa, 53 kDa

### Observed MW:

44 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human

### Cited Species:

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**

### Positive Controls:

WB : MCF-7 cells,

IHC : human tonsillitis tissue, human lymphoma tissue

IF/ICC : MCF-7 cells,

## Background Information

Metalloendopeptidase ADAM-Like Decysin 1 (ADAMDEC1) was first identified as a unique member of the matrix metalloprotease (ADAM) family. ADAMs are increasingly recognized as playing an important role in gut homeostasis and bowel inflammation. ADAMDEC1 is abundantly, and almost exclusively, expressed in the gastrointestinal (GI) tract.

## Notable Publications

Author	Pubmed ID	Journal	Application
Weiliang Zhu	35178875	Thorac Cancer	WB, IHC
Shuo Zhou	39755752	Sci Rep	WB
Cong Zhang	39680087	Arch Toxicol	IHC

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

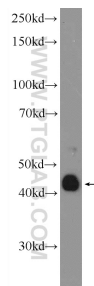
For technical support and original validation data for this product please contact:

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

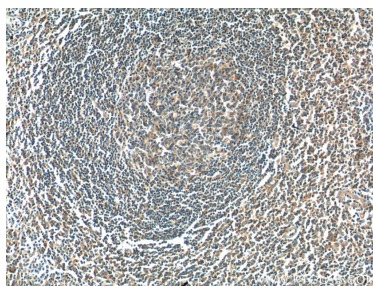
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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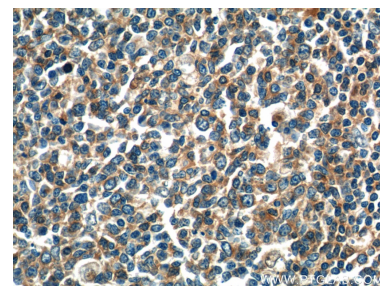
## Selected Validation Data



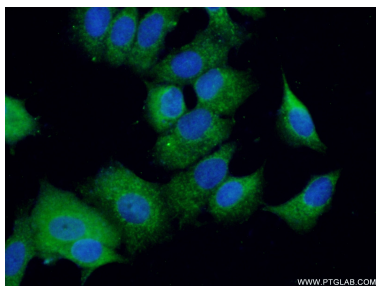
MCF-7 cells were subjected to SDS PAGE followed by western blot with 17899-1-AP (ADAMDEC1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17899-1-AP (ADAMDEC1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17899-1-AP (ADAMDEC1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 17899-1-AP (ADAMDEC1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).