

# ADAM8 Monoclonal antibody

Catalog Number: 68113-1-Ig

## Basic Information

<b>Catalog Number:</b> 68113-1-Ig	<b>GenBank Accession Number:</b> BC115404	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 101	<b>CloneNo.:</b> 3A12H2
<b>Source:</b> Mouse	<b>Full Name:</b> ADAM metalloproteinase domain 8	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 824 aa, 89 kDa	
<b>Immunogen Catalog Number:</b> AG17262	<b>Observed MW:</b> 90 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, Pig

**Positive Controls:**

**WB :** human testis tissue, HaCaT cells, A431 cells, pig stomach tissue, pig pancreas tissue

## Background Information

ADAM8 is a type I transmembrane (TM) glycoprotein consisting of an N-terminal prodomain, followed by a metalloproteinase-, disintegrin (DIS)-, cysteine-rich-, epidermal growth factor (EGF)-like- and TM domain and a cytoplasmic tail. Expression levels of ADAM8 in normal tissue is typically low and limited to a few distinct cell types in the lymphatic organs as components of the immune system, the central nervous system, in bone and in lung. This antibody can be used to detect endogenous ADAM8 with an apparent molecular weight of 90 kDa (the calculated MW). ADAM8 also can be detectable as a band with a molecular weight (MW) of 98 kDa, slightly larger than the calculated MW (90 kDa) (PMID:11050116).

## 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.

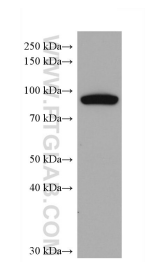
**Aliquoting is unnecessary for -20°C storage**

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

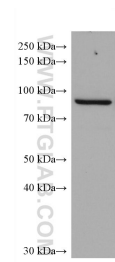
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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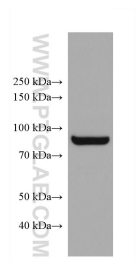
## Selected Validation Data



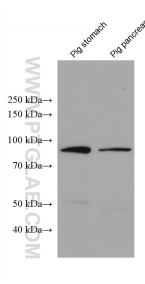
human testis tissue were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



HaCaT cells were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



A431 cells were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68113-1-Ig (ADAM8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.