

For Research Use Only

# STRA8 Monoclonal antibody

Catalog Number: 68071-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 68071-1-Ig	<b>GenBank Accession Number:</b> NM_182489	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 346673	<b>CloneNo.:</b> 1D7E3
<b>Source:</b> Mouse	<b>Full Name:</b> stimulated by retinoic acid gene 8 homolog (mouse)	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 37 kDa	
<b>Immunogen Catalog Number:</b> AG29680	<b>Observed MW:</b> 43-60 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Cited Applications:**  
IF, WB

**Species Specificity:**  
Human, rabbit, mouse

**Cited Species:**  
mouse

**Positive Controls:**

**WB :** human testis tissue, rabbit testis tissue, mouse testis tissue

## Background Information

Stimulated by retinoic acid 8 (Stra8), one of genes induced by retinoic acid (RA), is required for the meiotic initiation of male spermatogenesis. Stimulated by Retinoic Acid Gene 8 (STRA8) protein has been proposed as the molecular effector of Retinoic Acid (RA) involved in meiosis-inductive activity. Stra8 is a 45-kDa vertebrate-specific gene, without significant homologous proteins, expressed in the cytoplasm and nuclei of germ cells between mitosis and meiosis and presents exclusively in the embryonic and postnatal gonads of mammals. (PMID: 30106128, PMID: 31253359)

## Notable Publications

Author	Pubmed ID	Journal	Application
Tianxin Zhao	36493639	J Hazard Mater	WB
Yifan Hong	37364752	Environ Pollut	WB,IF

## Storage

**Storage:**

Store at -20°C.

**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

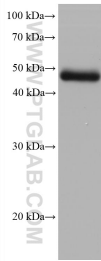
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com  
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## Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 68071-1-Ig (STRA8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.