

For Research Use Only

# STRA8 Monoclonal antibody, PBS Only



Catalog Number: 68071-1-PBS

## Basic Information

**Catalog Number:**

68071-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG29680

**GenBank Accession Number:**

NM\_182489

**GeneID (NCBI):**

346673

**UNIPROT ID:**

Q7Z7C7

**Full Name:**

stimulated by retinoic acid gene 8 homolog (mouse)

**Calculated MW:**

37 kDa

**Observed MW:**

43-60 kda

**Purification Method:**

Protein A purification

**CloneNo.:**

1D7E3

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, rabbit, mouse

## 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)

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only

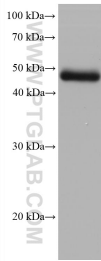
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## Selected Validation Data



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. This data was developed using the same antibody clone with 68071-1-PBS in a different storage buffer formulation.