

For Research Use Only

STRA8 Monoclonal antibody, PBS Only

Catalog Number: 68071-1-PBS



Basic Information

Catalog Number: 68071-1-PBS	GenBank Accession Number: NM_182489	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 346673	CloneNo.: 1D7E3
Source: Mouse	UNIPROT ID: Q7Z7C7	
Isotype: IgG1	Full Name: stimulated by retinoic acid gene 8 homolog (mouse)	
Immunogen Catalog Number: AG29680	Calculated MW: 37 kDa	
	Observed MW: 43-60 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rabbit

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

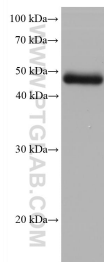
Storage:
Store at -80°C.

Storage Buffer:
PBS only, 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)
E: proteintech@ptglab.com
W: 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. This data was developed using the same antibody clone with 68071-1-PBS in a different storage buffer formulation.