

For Research Use Only

CoraLite® Plus 488-conjugated STRA8 Monoclonal antibody

Catalog Number: CL488-68071



Basic Information

Catalog Number: CL488-68071	GenBank Accession Number: NM_182489	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 346673	CloneNo.: 1D7E3
Source: Mouse	UNIPROT ID: Q7Z7C7	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: stimulated by retinoic acid gene 8 homolog (mouse)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG29680	Calculated MW: 37 kDa	
	Observed MW: 43-60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : NCCIT cells,
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)

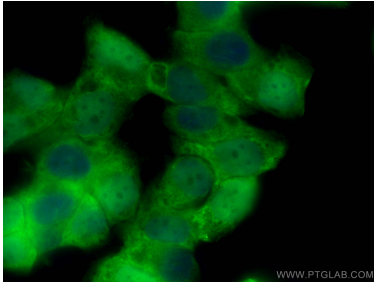
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed NCCIT cells using CoraLite® Plus 488 STRA8 antibody (CL488-68071, Clone: 1D7E3) at dilution of 1:200.