

For Research Use Only

# CoraLite® Plus 488-conjugated STRA8 Monoclonal antibody



Catalog Number:CL488-68071

## Basic Information

<b>Catalog Number:</b> CL488-68071	<b>GenBank Accession Number:</b> NM_182489	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , 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> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 37 kDa	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG29680	<b>Observed MW:</b> 43-60 kda	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : NCCIT cells,
<b>Species Specificity:</b> 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

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

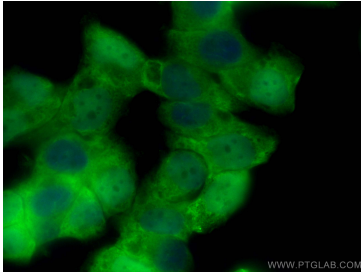
For technical support and original validation data for this product please contact:

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## 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.