

For Research Use Only

# CoraLite® Plus 488-conjugated DAZL Recombinant monoclonal antibody

Catalog Number: CL488-86344-3



## Basic Information

Catalog Number:

CL488-86344-3

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37074

GenBank Accession Number:

BC027595

GeneID (NCBI):

1618

UNIPROT ID:

Q92904

Full Name:

deleted in azoospermia-like

Calculated MW:

295 aa, 33 kDa

Observed MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

251035E11

Recommended Dilutions:

IF-P: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: mouse testis tissue,

## Background Information

DAZL proteins are germ cell-specific RNA-binding proteins and are considered major regulators of spermatogenesis. Because DAZL is a novel protein expressed specifically in germ cells, it is widely employed as a germ cell marker. In humans, immunostaining shows DAZL is abundant in the cytoplasm of primary spermatocytes, but scarce in spermatogonia.

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

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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 paraffin-embedded mouse testis tissue using CoraLite® Plus 488 DAZL antibody (CL488-86344-3, Clone: 251035E11 ) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).