

For Research Use Only

# CoraLite®594-conjugated SRD5A1 Monoclonal antibody



Catalog Number:CL594-66329

## Basic Information

Catalog Number:

CL594-66329

Size:

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG23351

GenBank Accession Number:

BC007033

GeneID (NCBI):

6715

UNIPROT ID:

P18405

Full Name:

steroid-5-alpha-reductase, alpha  
polypeptide 1 (3-oxo-5 alpha-steroid  
delta 4-dehydrogenase alpha 1)

Observed MW:

32 kDa

Purification Method:

Protein G purification

CloneNo.:

1D5D8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

SRD5A1 is a minor component of the reductase activity in prostate although the gene was originally cloned from prostate. On the other hand, SRD5A1 appears to be the predominant isozyme of steroid 5-alpha-reductase in the scalp and elsewhere in the skin.

## 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:

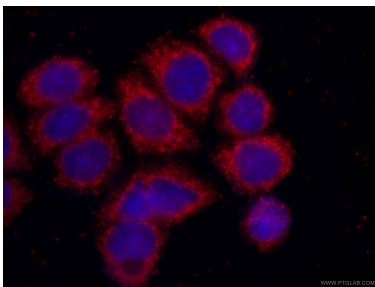
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66329 (SRD5A1 antibody) at dilution of 1:100.