

CoraLite®594-conjugated DDX54 Monoclonal antibody

Catalog Number: **CL594-66664**

Basic Information

Catalog Number:

CL594-66664

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG25289

GenBank Accession Number:

BC156669

GeneID (NCBI):

79039

UNIPROT ID:

Q8TDD1

Full Name:

DEAD (Asp-Glu-Ala-Asp) box
polypeptide 54

Calculated MW:

98 kDa

Observed MW:

98 kDa

Purification Method:

Protein A purification

CloneNo.:

1H9F4

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : PC-3 cells,

Background Information

DDX54, also named as ATP-dependent RNA helicase DDX54, is a 881 amino acid protein, which contains 1 helicase ATP-binding domain and belongs to the DEAD box helicase family. DDX54/DBP10 subfamily. DDX54 localizes in nucleus and Interacts in a hormone-dependent manner with nuclear receptors. DDX54 has RNA-dependent ATPase activity and represses the transcriptional activity of nuclear receptors.

Storage

Storage:

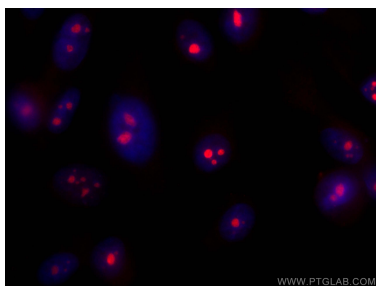
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

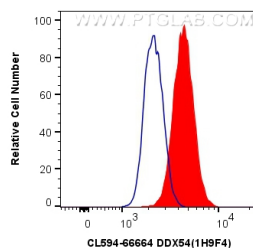
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using CoraLite®594 DDX54 antibody (CL594-66664, Clone: 1H9F4) at dilution of 1:200.



1X10⁶ PC-3 cells were intracellularly stained with 0.8 ug CoraLite®594 Anti-Human DDX54 (CL594-66664, Clone: 1H9F4) (red), or 0.8 ug CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).