

For Research Use Only

CoraLite®594-conjugated DDX54 Monoclonal antibody



Catalog Number:CL594-66664

Basic Information

Catalog Number: CL594-66664	GenBank Accession Number: BC156669	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 79039	CloneNo.: 1H9F4
Source: Mouse	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 54	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 98 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG25289	Observed MW: 98 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : PC-3 cells,
Species Specificity: Human, mouse	

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

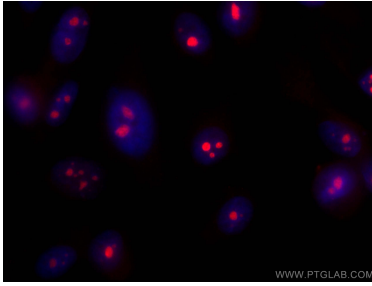
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

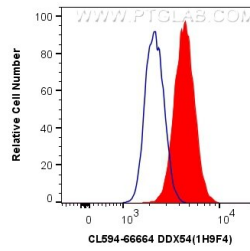
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 (-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).