

For Research Use Only

CoraLite® Plus 750-conjugated YY1 Monoclonal antibody



Catalog Number:CL750-66281

Basic Information

Catalog Number: CL750-66281	GenBank Accession Number: BC037308	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7528	CloneNo.: 2E11C5
Source: Mouse	Full Name: YY1 transcription factor	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG2a	Calculated MW: 414 aa, 45 kDa	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG17732	Observed MW: 65-70 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : NIH/3T3 cells, HepG2 cells, HUVEC cells
Species Specificity: human, mouse	

Background Information

YY1, also named as DELTA, INO80S and NF-E1, contains four C2H2-type zinc fingers and belongs to the YY transcription factor family. YY1 is a multifunctional transcription factor that exhibits positive and negative control on a large number of cellular and viral genes by binding to sites overlapping the transcription start site. YY1 may direct histone deacetylases and histone acetyltransferases to a promoter in order to activate or repress the promoter, thus implicating histone modification in the YY1. The open reading frame of the human YY1 cDNA encodes a protein of 414 amino acids with a predicted molecular weight of 44 kDa. However, YY1 migrates on SDS gels as a 65-68 kDa protein, probably due to the structure of the protein. It is a ubiquitously expressed transcription factor with fundamental roles in embryogenesis, differentiation, replication and proliferation.

Storage

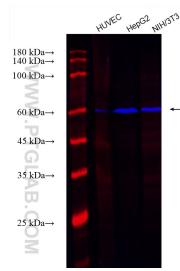
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



Various lysates were subjected to SDS PAGE followed by western blot with CL750-66281 (YY1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.