

For Research Use Only

CoraLite® Plus 488-conjugated TIP60/KAT5 Recombinant antibody



Catalog Number:CL488-82937

Basic Information

Catalog Number: CL488-82937	GenBank Accession Number: BC000166	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10524	CloneNo.: 230181D5
Source: Rabbit	UNIPROT ID: Q92993	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: K(lysine) acetyltransferase 5	
Immunogen Catalog Number: AG1261	Calculated MW: 60 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

KAT5, also named as The histone acetyltransferase (HAT) Tat interactive protein 60 kD belongs to the MYST protein family that contains atypical zinc finger and histone acetyltransferase domains. Also, KAT5 contains a chromodomain. KAT5 is a catalytic subunit of the NuA4 histone acetyltransferase complex. The NuA4 HAT complex plays a role in transcriptional activation of select genes mainly by acetylation of nucleosomal histone H4 and H2A, which influence nucleosome-DNA interaction and promotes interaction of the modified histones with other proteins that could regulate transcription positively. This complex also involves in the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, DNA repair and apoptosis.

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:

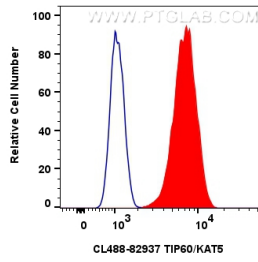
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Tip60/Kat5 Recombinant Antibody (CL488-82937, Clone:230181D5)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).