

For Research Use Only

CoraLite® Plus 488-conjugated BAZ2A Recombinant antibody

Catalog Number:CL488-82910-2



Basic Information

Catalog Number: CL488-82910-2	GenBank Accession Number: NM_013449.4	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 11176	CloneNo.: 230205B8
Source: Rabbit	UNIPROT ID: Q9UIF9	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: bromodomain adjacent to zinc finger domain, 2A	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG33963	Calculated MW: 211 kDa	
	Observed MW: 250-270 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : U2OS cells,
Species Specificity: human	

Background Information

BAZ2A (bromodomain adjacent to zinc finger domain 2A), also known as TIP5. It is expected to be located in nucleus, and the protein is expressed at moderate levels in most tissues analyzed, including heart, brain, placenta, lung, skeletal muscle, kidney and pancreas. BAZ2A is an epigenetic regulator affecting transcription of ribosomal RNA, it is also a regulatory subunit of the ATP-dependent NoRC-1 and NoRC-5 ISWI chromatin remodeling complexes, which form ordered nucleosome arrays on chromatin and facilitate access to DNA during DNA-templated processes such as DNA replication, transcription, and repair (PubMed:28801535). The calculated molecular weight of BAZ2A is 210 kDa.

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:

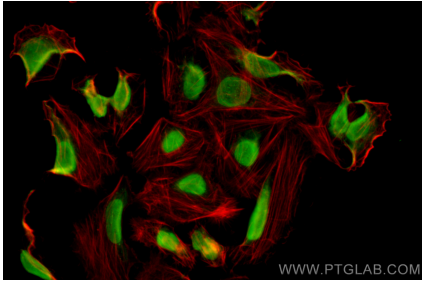
T: 4006900926

E: Proteintech-CN@ptglab.com

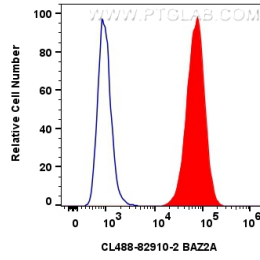
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 BAZ2A antibody (CL488-82910-2, Clone: 230205B8) at dilution of 1:200.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug CoraLite® Plus 488-conjugated BAZ2A Recombinant antibody (CL488-82910-2, Clone:230205B8)(red), or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).