

For Research Use Only

# CoraLite® Plus 488-conjugated BAZ2A Recombinant antibody

Catalog Number: CL488-82910-2



## Basic Information

<b>Catalog Number:</b> CL488-82910-2	<b>GenBank Accession Number:</b> NM_013449.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11176	<b>CloneNo.:</b> 230205B8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UIF9	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> bromodomain adjacent to zinc finger domain, 2A	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG33963	<b>Calculated MW:</b> 211 kDa	
	<b>Observed MW:</b> 250-270 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra)	<b>Positive Controls:</b> IF/ICC : U2OS cells,
<b>Species Specificity:</b> 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.

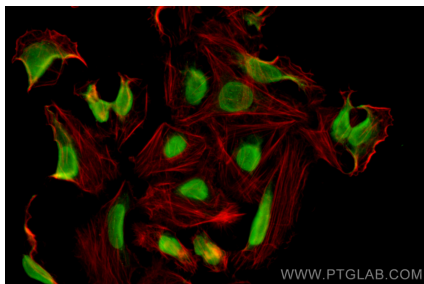
## Storage

**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**

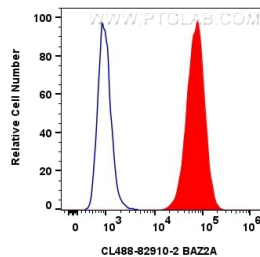
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## Selected Validation Data



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



1x10<sup>6</sup> 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).