

For Research Use Only

# CYFIP2 Recombinant antibody

Catalog Number: 83845-3-RR



## Basic Information

<b>Catalog Number:</b> 83845-3-RR	<b>GenBank Accession Number:</b> BC011762	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 26999	<b>CloneNo.:</b> 240909E3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96F07	<b>Recommended Dilutions:</b> IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> cytoplasmic FMR1 interacting protein	
<b>Immunogen Catalog Number:</b> AG8749	<b>2</b>	
	<b>Calculated MW:</b> 148 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, FC (Intra), ELISA	<b>Positive Controls:</b> IF/ICC : Jurkat cells,
<b>Species Specificity:</b> human	

## Background Information

CYFIP1/2 belongs to the CYFIP family and is involved in T-cell adhesion and p53-dependent induction of apoptosis. CYFIP1 contains 1,253 amino acids and shares 88% sequence identity with CYFIP2. CYFIP1 and CYFIP2 are members of a highly conserved protein family and share approximately 99% sequence identity with their mouse orthologs. CYFIP1 has been shown to interact with the small GTPase RAC1, which is implicated in development and maintenance of neuronal structures. Consistent with FMRP and RAC1 localization in dendritic fine structures, CYFIP1/2 are present in synaptosomal extracts. This antibody can recognize both CYFIP1 and CYFIP2.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

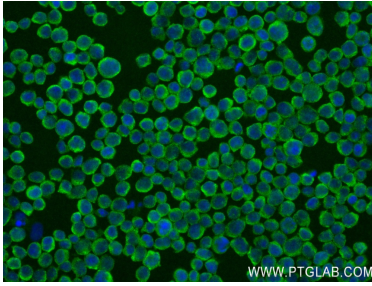
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

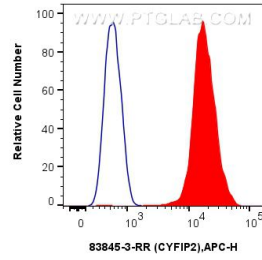
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CYFIP2 antibody (83845-3-RR, Clone: 240909E3 ) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.25 ug Cyfip2 Recombinant Antibody (83845-3-RR, Clone:240909E3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).