

For Research Use Only

# CCDC23 Recombinant antibody

Catalog Number: 82998-4-RR



## Basic Information

<b>Catalog Number:</b> 82998-4-RR	<b>GenBank Accession Number:</b> BC029427	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 374969	<b>CloneNo.:</b> 230175B2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N300	<b>Recommended Dilutions:</b> IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 23	
<b>Immunogen Catalog Number:</b> AG33650		

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : U2OS cells,
<b>Species Specificity:</b> Human	

## Background Information

CCDC23 also known as SVBP is a small vasohibin-binding protein of 66 amino acids, and functions as a chaperone of VASH1 in vascular endothelial cells (PMID: 20736312). SVBP enhances the tyrosine carboxypeptidase activity of VASH1 and VASH2, thereby promoting the removal of the C-terminal tyrosine residue of alpha-tubulin (PMID: 29146869, 31171830). Mutations in SVBP cause Neurodevelopmental disorders with ataxia, hypotonia, and microcephaly (NEDAHM) (PMID: 30607023, 31363758).

## 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:

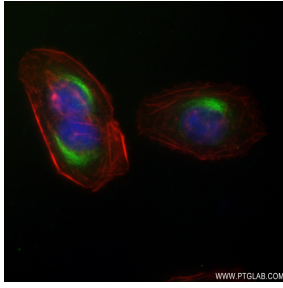
T: 4006900926

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

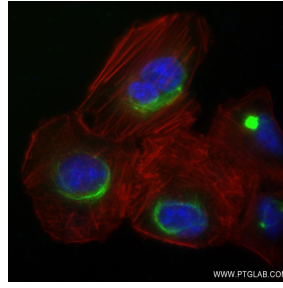
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CCDC23 antibody (82998-4-RR, Clone: 230175B2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).CL594-Phalloidin (red).



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