

For Research Use Only

# FBXL13 Recombinant monoclonal antibody

Catalog Number: 86857-1-RR



## Basic Information

<b>Catalog Number:</b> 86857-1-RR	<b>GenBank Accession Number:</b> BC031285	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 222235	<b>CloneNo.:</b> 251880F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NEE6	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> F-box and leucine-rich repeat protein 13	
<b>Immunogen Catalog Number:</b> AG10903	<b>Calculated MW:</b> 707 aa, 81 kDa	
	<b>Observed MW:</b> 84 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human

### Positive Controls:

WB : HeLa cells, HEK-293T cells, BGC-823 cells, K-562 cells, HuH-7 cells, HGC-27 cells

## Background Information

FBXL13, also known as F-box and leucine-rich repeat protein 13, is a human protein-coding gene located on chromosome 7q22.1. It is a member of the F-box protein family, characterized by an approximately 40-amino acid F-box motif. FBXL13 is part of the SCF-type E3 ubiquitin ligase complex, which plays a role in protein ubiquitination and degradation. The gene has multiple isoforms, including 84 kDa, 81 kDa, 79 kDa, and 53 kDa variants. While its specific function within the complex is not fully understood, FBXL13 has been implicated in regulating centrosome homeostasis and cell migration by directing the proteolysis of CEP192. Additionally, it may play a role in circadian rhythms by ubiquitinating and mediating the degradation of cryptochrome proteins.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

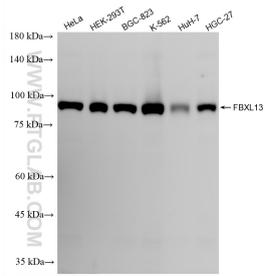
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86857-1-RR (FBXL13 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.