

# CoraLite® Plus 488-conjugated UNC13D Monoclonal antibody

Catalog Number: **CL488-67193**

## Basic Information

<b>Catalog Number:</b> CL488-67193	<b>GenBank Accession Number:</b> BC067084	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 201294	<b>CloneNo.:</b> 1C5C1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q70J99	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Full Name:</b> unc-13 homolog D (C. elegans)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG10497	<b>Calculated MW:</b> 1090 aa, 103 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : Jurkat cells, HL-60 cells
<b>Species Specificity:</b> Human	

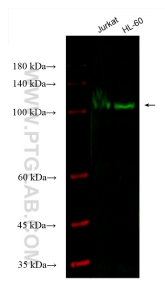
## Background Information

UNC13D is a member of the UNC13 family, containing similar domain structure as other family members but lacking an N-terminal phorbol ester-binding C1 domain present in other Munc13 proteins. The protein appears to play a role in vesicle maturation during exocytosis and is involved in regulation of cytolytic granules secretion.

## 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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67193 (UNC13D antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.