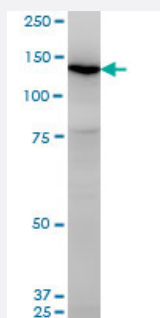


# UNC13D monoclonal antibody (M05), clone 2C7

Catalog # H00201294-M05

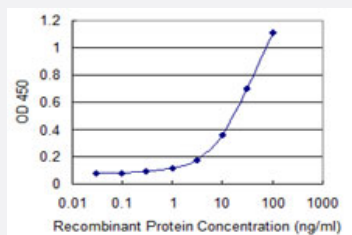
Size 100 ug

## Applications



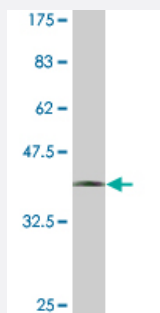
### Western Blot (Cell lysate)

UNC13D monoclonal antibody (M05), clone 2C7. Western Blot analysis of UNC13D expression in Jurkat ( Cat # L017V1 ).



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UNC13D is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.41 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant UNC13D.

Immunogen	UNC13D (NP_954712.1, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ATLLSHPQQRPPFLRQAIKIRRRRVRLQDPPPQMAPEIQPPSHHFSPEQRALLYEDALYTVLHRLGHPEPNHVTEASELLRYLQEAHFHVEPEEHQQT
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

UNC13D monoclonal antibody (M05), clone 2C7. Western Blot analysis of UNC13D expression in Jurkat ( Cat # L017V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UNC13D is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — UNC13D

Entrez GeneID	<a href="#">201294</a>
GeneBank Accession#	<a href="#">NM_199242</a>
Protein Accession#	<a href="#">NP_954712.1</a>

Gene Name	UNC13D
Gene Alias	FHL3, HLH3, HPLH3, Munc13-4
Gene Description	unc-13 homolog D (C. elegans)
Omim ID	<a href="#">608897</a> <a href="#">608898</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a protein that 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. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis type 3, a genetically heterogeneous, rare autosomal recessive disorder. [provided by RefSeq]</p>
Other Designations	unc-13 homolog D

## Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Lymphohistiocytosis](#)
- [Macrophage Activation Syndrome](#)