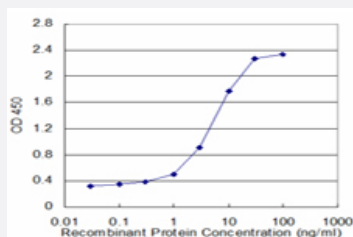


# UNC13D monoclonal antibody (M06), clone 1E11

Catalog # H00201294-M06

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UNC13D is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.41 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant UNC13D.
<b>Immunogen</b>	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.
<b>Sequence</b>	ATLLSHPQQRPPFLRQAIKIRRRVRDLQDPPPQMAPEIQPPSHHFSPEQRALLYEDALYTVLHRL GHPEPNHVTEASELLRYLQEAFFHVEPEEHQQT
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged UNC13D is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — UNC13D

**Entrez GeneID**

[201294](#)

**GeneBank Accession#**

[NM\\_199242](#)

**Protein Accession#**

[NP\\_954712.1](#)

**Gene Name**

UNC13D

**Gene Alias**

FHL3, HLH3, HPLH3, Munc13-4

**Gene Description**

unc-13 homolog D (C. elegans)

**Omim ID**

[608897](#) [608898](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

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]

**Other Designations**

unc-13 homolog D

**Disease**

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