



# Anti-UNC13D monoclonal antibody, clone FQS5025 (DCABH-173)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to Munc 13-4
<b>Antigen Description</b>	Plays a role in cytotoxic granule exocytosis in lymphocytes. Required for both granule maturation and granule docking and priming at the immunologic synapse. Regulates assembly of recycling and late endosomal structures, leading to the formation of an endosomal exocytic compartment that fuses with perforin-containing granules at the immunologic synapse and licences them for exocytosis. Regulates Ca(2+)-dependent secretory lysosome exocytosis in mast cells.
<b>Immunogen</b>	Synthetic peptide from a region of human Munc 13-4 (Q70J99).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Clone</b>	FQS5025
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ICC, Flow Cyt
<b>Positive Control</b>	A673, K562, HepG2, Molt-4, and RAW264.7.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%

**Preservative** 0.1% Sodium Azide

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**Storage** Store at -20°C. Stable for 12 months at -20°C

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## GENE INFORMATION

**Gene Name** [UNC13D unc-13 homolog D \(C. elegans\) \[ Homo sapiens \]](#)

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**Official Symbol** UNC13D

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**Synonyms** UNC13D; unc-13 homolog D (C. elegans); protein unc-13 homolog D; Munc13 4; FHL3; HLH3; HPLH3; Munc13-4;

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**Entrez Gene ID** [201294](#)

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**Protein Refseq** [NP\\_954712](#)

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**UniProt ID** [Q70J99](#)

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**Chromosome Location** 17q25.3

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**Function** protein binding;

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