

**ELMO3 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17730b****Specification**

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**ELMO3 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q96BJ8](#)**ELMO3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79767**Other Names**

Engulfment and cell motility protein 3, ELMO3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ELMO3 Antibody (C-term) Blocking Peptide - Protein Information****Name** ELMO3**Function**

Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1 (By similarity).

**Cellular Location**

Cytoplasm.

**ELMO3 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**ELMO3 Antibody (C-term) Blocking Peptide - Images****ELMO3 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is similar to a C.elegans protein that functions in phagocytosis of apoptotic cells and in cell migration. Other members of this small family of engulfment and cell motility (ELMO) proteins have been shown to interact with the dedicator of cyto-kinesis 1 protein to promote phagocytosis and effect cell shape changes.

#### **ELMO3 Antibody (C-term) Blocking Peptide - References**

Coskun, M., et al. J. Cell. Biochem. 109(6):1118-1128(2010) Gumienny, T.L., et al. Cell 107(1):27-41(2001)