

**EMB Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17833c****Specification**

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**EMB Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q6PCB8](#)

**EMB Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 133418

**Other Names**  
Embigin, EMB

**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.

**EMB Antibody (Center) Blocking Peptide - Protein Information**

**Name** EMB

**Function**  
Plays a role in the outgrowth of motoneurons and in the formation of neuromuscular junctions. Following muscle denervation, promotes nerve terminal sprouting and the formation of additional acetylcholine receptor clusters at synaptic sites without affecting terminal Schwann cell number or morphology. Delays the retraction of terminal sprouts following re-innervation of denervated endplates. May play a role in targeting the monocarboxylate transporters SLC16A1, SLC16A6 and SLC16A7 to the cell membrane (By similarity).

**Cellular Location**  
Cell membrane {ECO:0000250|UniProtKB:O88775}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:O88775} Synapse {ECO:0000250|UniProtKB:P21995}. Note=Localizes to the neuromuscular junctions. {ECO:0000250|UniProtKB:P21995}

**EMB Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**EMB Antibody (Center) Blocking Peptide - Images****EMB Antibody (Center) Blocking Peptide - Background**

This gene encodes a transmembrane glycoprotein that is a member of the immunoglobulin superfamily. The encoded protein may be involved in cell growth and development by mediating interactions between the cell and extracellular matrix. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq].

**EMB Antibody (Center) Blocking Peptide - References**

Guenette, R.S., et al. Dev. Genet. 21(4):268-278(1997) Ray, M.E., et al. Oncogene 12(12):2527-2533(1996) Ozawa, M., et al. J. Biol. Chem. 263(7):3059-3062(1988)