

**MILK2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4901b****Specification**

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**MILK2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8IY33](#)**MILK2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79778**Other Names**

MICAL-like protein 2, Junctional Rab13-binding protein, Molecule interacting with CasL-like 2, MICAL-L2, MICALL2, JRAB

**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.

**MILK2 Antibody (C-term) Blocking Peptide - Protein Information****Name** MICALL2**Synonyms** JRAB**Function**

Effector of small Rab GTPases which is involved in junctional complexes assembly through the regulation of cell adhesion molecules transport to the plasma membrane and actin cytoskeleton reorganization. Regulates the endocytic recycling of occludins, claudins and E-cadherin to the plasma membrane and may thereby regulate the establishment of tight junctions and adherens junctions. In parallel, may regulate actin cytoskeleton reorganization directly through interaction with F-actin or indirectly through actinins and filamins. Most probably involved in the processes of epithelial cell differentiation, cell spreading and neurite outgrowth (By similarity).

**Cellular Location**

Cell membrane; Peripheral membrane protein. Cell junction, tight junction Recycling endosome. Cell projection Cytoplasm, cytoskeleton. Cytoplasm, cytosol

**MILK2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **MILK2 Antibody (C-term) Blocking Peptide - Images**

#### **MILK2 Antibody (C-term) Blocking Peptide - Background**

MILK2 may be a cytoskeletal regulator.

#### **MILK2 Antibody (C-term) Blocking Peptide - References**

Kanda, I., et al. Oncogene 27(12):1687-1695(2008) Terai, T., et al. Mol. Biol. Cell  
17(5):2465-2475(2006) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Terman, J.R., et al.  
Cell 109(7):887-900(2002)