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EMAL2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6734a

Specification

EMAL2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O95834

EMAL2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 24139

Other Names
Echinoderm microtubule-associated protein-like 2, EMAP-2, HuEMAP-2, EML2, EMAP2, EMAPL2

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6734a was selected from the N-term region of human EMAL2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

EMAL2 Antibody (N-term) Blocking Peptide - Protein Information

Name EML2

Synonyms EMAP2, EMAPL2

Function
Tubulin binding protein that inhibits microtubule nucleation and growth, resulting in shorter microtubules.

Cellular Location
Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle. Note=Colocalizes with the microtubule cytoskeleton. Colocalizes with the mitotic spindle

Tissue Location
Ubiquitous..

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EMAL2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

EMAL2 Antibody (N-term) Blocking Peptide - Images

EMAL2 Antibody (N-term) Blocking Peptide - Background

EMAL2 may modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.

EMAL2 Antibody (N-term) Blocking Peptide - References

Eichenmuller,B., J. Biol. Chem. 277 (2), 1301-1309 (2002)Lepley,D.M., Gene 237 (2), 343-349 (1999)