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MIIP Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP5059b

Specification

MIIP Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q5JXC2

MIIP Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 60672

Other Names
Migration and invasion-inhibitory protein, IGFBP2-binding protein, Invasion-inhibitory protein 45, IIp45, MIIP, IIP45

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.

MIIP Antibody (C-term) Blocking Peptide - Protein Information

Name MIIP

Synonyms IIP45

Function
Inhibits glioma cells invasion and down-regulates adhesion- and motility-associated genes such as NFKB2 and ICAM1. Exhibits opposing effects to IGFBP2 on cell invasion.

Tissue Location
Ubiquitous. Isoform 1 is expressed in brain but underexpressed in glioma tissues, at protein level. Isoform 2 is not detected in normal organs, but is expressed in gliomas with increasing levels with glioma progression. On the contrary, at protein level, isoform 2 is not detected in gliomas, suggesting that this isoform is unstable in glioma cells.

MIIP Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

MIIP Antibody (C-term) Blocking Peptide - Images

MIIP Antibody (C-term) Blocking Peptide - Background

MIIP inhibits glioma cells invasion and down-regulates adhesion-and motility-associated genes such as NFKB2 and ICAM1. MIIP exhibits opposing effects to IGFBP2 on cell invasion.

MIIP Antibody (C-term) Blocking Peptide - References

Wu, Y., et al. J. Biol. Chem. 285(6):3554-3560(2010)Song, F., et al. Cancer Res. 70(3):1024-1032(2010)Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)