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FGF10 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7975b

Specification

FGF10 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O15520

FGF10 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 2255

Other Names
Fibroblast growth factor 10, FGF-10, Keratinocyte growth factor 2, FGF10

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7975b was selected from the C-term region of human FGF10. 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.

FGF10 Antibody (C-term) Blocking Peptide - Protein Information

Name FGF10

Function
Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. May play a role in wound healing.

Cellular Location
Secreted.

FGF10 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

FGF10 Antibody (C-term) Blocking Peptide - Images

FGF10 Antibody (C-term) Blocking Peptide - Background

FGF10 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of lim bud formation. This protein is also implicated to be a primary factor in the process of wound healing.

FGF10 Antibody (C-term) Blocking Peptide - References

Nomura,S., Br. J. Cancer 99 (2), 305-313 (2008)Belleudi,F., Traffic 8 (12), 1854-1872 (2007)Igarashi,M., J. Biol. Chem. 273 (21), 13230-13235 (1998)