

**FGF19 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18231b****Specification**

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**FGF19 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [O95750](#)

**FGF19 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 9965

**Other Names**

Fibroblast growth factor 19, FGF-19, FGF19

**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.

**FGF19 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** FGF19

**Function**

Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1/2 cascades. Stimulates glucose uptake in adipocytes. Activity requires the presence of KLB and FGFR4.

**Cellular Location**

Secreted.

**Tissue Location**

Expressed in fetal brain, cartilage, retina, and adult gall bladder.

**FGF19 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**FGF19 Antibody (C-term) Blocking Peptide - Images**

### **FGF19 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene 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 growth factor is a high affinity, heparin dependent ligand for FGFR4. Expression of this gene was detected only in fetal but not adult brain tissue. Synergistic interaction of the chick homolog and Wnt-8c has been shown to be required for initiation of inner ear development.

### **FGF19 Antibody (C-term) Blocking Peptide - References**

Rao, A.S., et al. Gastroenterology 139(5):1549-1558(2010) Turnbull, C., et al. Nat. Genet. 42(6):504-507(2010) Schreuder, T.C., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 298 (3), G440-G445 (2010) :Reiche, M., et al. Horm. Metab. Res. 42(3):178-181(2010) Wu, X., et al. J. Biol. Chem. 285(8):5165-5170(2010)