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Frzb (10J17) Rabbit Monoclonal Antibody

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Catalog # AP93781

Specification

Frzb (10J17) Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, FC, ICC, IP
Primary Accession	P97401
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	36011

Frzb (10J17) Rabbit Monoclonal Antibody - Additional Information

Gene ID 20378

Other Names
Secreted frizzled-related protein 3, sFRP-3, Frezzled, Fritz, Frizzled-related protein 1, FrzB-1, Frzb, Fiz, Fre, Frzb1, Sfrp3

Storage Conditions
-20℃

Frzb (10J17) Rabbit Monoclonal Antibody - Protein Information

Name Frzb

Synonyms Fiz, Fre, Frzb1, Sfrp3

Function
Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP3/FRZB appears to be involved in limb skeletogenesis. Antagonist of Wnt8 signaling. Regulates chondrocyte maturation and long bone development (By similarity).

Cellular Location
Secreted.

Tissue Location
Expressed in kidney, brain, testis. Weak expression in spleen and heart.

Frzb (10J17) Rabbit Monoclonal Antibody - Protocols

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

- Western Blot

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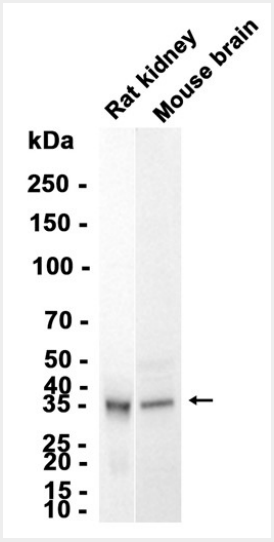
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Frzb (10J17) Rabbit Monoclonal Antibody - Images



Western blot analysis of extracts from Rat kidney□Mouse brain tissue using AP93781 at 1:1000.

Frzb (10J17) Rabbit Monoclonal Antibody - Background

Enables Wnt-protein binding activity. Involved in negative regulation of Wnt signaling pathway. Acts upstream of or within several processes, including animal organ development; negative regulation of cartilage development; and negative regulation of cell differentiation. Located in extracellular space. Is expressed in several structures, including alimentary system; central nervous system; embryo mesenchyme; genitourinary system; and skeleton. Human ortholog(s) of this gene implicated in lung non-small cell carcinoma and osteoarthritis. Orthologous to human FRZB (frizzled related protein). [provided by Alliance of Genome Resources, Apr 2022]