

## Anti-SFRP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

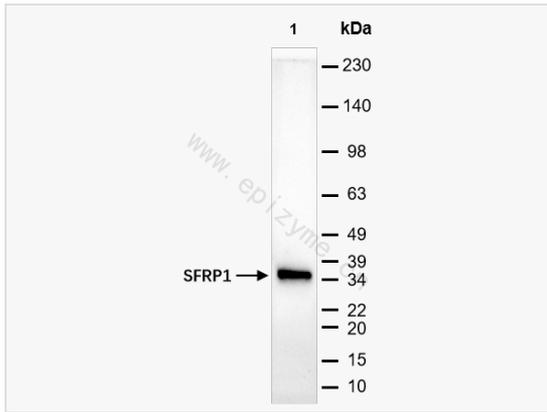
Catalog # R014459

### Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	69B22F54
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human SFRP1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SFRP1 Rabbit mAb [69B22F54] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	Frizzled related protein 1, FRP 1, FRP, FRP-1, FRP1, FrzA, SARP 2, SARP-2, SARP2, Secreted apoptosis related protein 2, Secreted apoptosis-related protein 2, Secreted frizzled related protein 1, Secreted frizzled related protein, Secreted frizzled-related protein 1, SFRP 1, sFRP-1, SFRP1, SFRP1_HUMAN.
Calculated MW	Calculated MW: 35 kDa; Observed MW: 35 kDa
Uniprot ID	Q8N474
Gene ID	6422
Background	SFRP proteins appear to act as tumor suppressors, with loss of expression or function correlating with many invasive forms of cancer. Deletion of the corresponding SFRP1 gene and promoter hypermethylation leading to gene silencing has been reported in a number of cancers. Abnormal expression of SFRP1 and other Wnt signaling proteins is associated with some cases of retinitis pigmentosa.
Cellular Location	Secreted. Cell membrane or extracellular matrix-associated. Released by heparin-binding.
Tissue Location	Widely expressed. Absent from lung, liver and peripheral blood leukocytes. Highest levels in heart and fetal kidney. Also expressed in testis, ovary, fetal brain and lung, leiomyoma cells, myometrial cells and vascular smooth muscle cells. Expressed in foreskin fibroblasts and in keratinocytes.



Western Blot - Anti-SFRP1 Rabbit mAb [69B22F54]

All lanes: R014459 at 1:1,000 dilution

Lane 1: Rat kidney whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 35 kDa

Observed band size: 35 kDa

Developed using the ECL technique (Cat. No. SQ201).