Anti-SPARC Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R016138

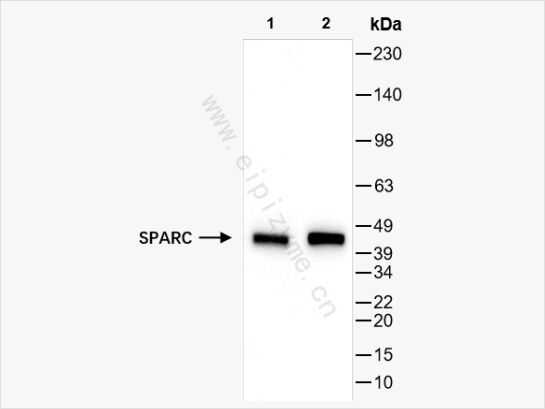
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	64N44E33
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human SPARC
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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-SPARC Rabbit mAb [64N44E33] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BM-40; OI17; ON; ONT; SPRC_HUMAN; SPARC; Basement-membrane protein 40 (BM-40); Osteonectin (ON); Secreted protein acidic and rich in cysteine.
Calculated MW	Calculated MW: 35 kDa; Observed MW: 35 kDa
Uniprot ID	P09486
Gene ID	6678
Background	This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2015]
Cellular Location	Secreted Extracellular space Extracellular matrix Basement membrane In or around the basement membrane.

Validation Images



Western Blot - Anti-SPARC Rabbit mAb [64N44E33]
All lanes: R016138 at 1:1,000 dilution
Lane 1: 293T (Human embryonic kidney cell) whole cell lysates
Lane 2: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lysates/proteins at 10 µg 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).