Anti-SOS1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R013928

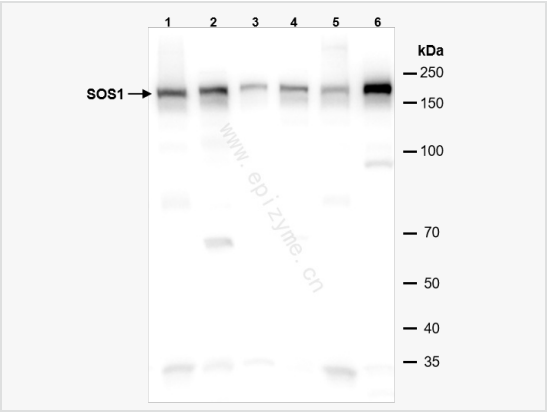
Product Information

Application	ELISA, WB
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	37R89E87
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human SOS1
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-SOS1 Rabbit mAb [37R89E87] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Son of sevenless homolog 1; SOS-1; SOS1.
Calculated MW	Calculated MW: 152 kDa; Observed MW: 152 kDa
Uniprot ID	Q07889
Gene ID	6654
Background	This gene encodes a protein that is a guanine nucleotide exchange factor for RAS proteins, membrane proteins that bind guanine nucleotides and participate in signal transduction pathways. GTP binding activates and GTP hydrolysis inactivates RAS proteins. The product of this gene may regulate RAS proteins by facilitating the exchange of GTP for GDP. Mutations in this gene are associated with gingival fibromatosis 1 and Noonan syndrome type 4. [provided by RefSeq, Jul 2008]

Validation Images



Western Blot - Anti-SOS1 Rabbit mAb [37R89E87]
All lanes: R013928 at 1:1,000 dilution
Lane 1: HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates
Lane 2: Raw264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates
Lane 3: 293T (Human embryonic kidney cell) whole cell lysates
Lane 4: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 5: SW620 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 6: Balb/c mouse brain whole tissue 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: 152 kDa
Observed band size: 152 kDa
Developed using the ECL technique (Cat. No. SQ201).