Anti-MSRB3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015121

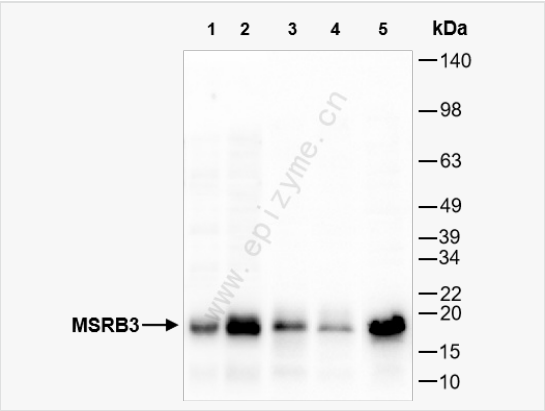
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	94M95I97
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MSRB3
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-MSRB3 Rabbit mAb [94M95I97] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Deafness, Autosomal Recessive 74; DFNB74; FLJ36866; Methionine R sulfoxide reductase B mitochondrial; Methionine sulfoxide reductase B3; Methionine-R-sulfoxide reductase B3; MsrB3; MSRB3_HUMAN.
Calculated MW	Calculated MW: 21 kDa; Observed MW: 18 kDa
Uniprot ID	Q8IXL7
Gene ID	253827
Background	The protein encoded by this gene catalyzes the reduction of methionine sulfoxide to methionine. This enzyme acts as a monomer and requires zinc as a cofactor. Several transcript variants encoding two different isoforms have been found for this gene. One of the isoforms localizes to mitochondria while the other localizes to endoplasmic reticula. [provided by RefSeq, Jul 2010]
Cellular Location	Mitochondrion and Endoplasmic reticulum.
Tissue Location	Widely expressed.

Validation Images



Western Blot - Anti-MSRB3 Rabbit mAb [94M95I97]
All lanes: R015121 at 1:1,000 dilution
Lane 1: U2OS (Human osteosarcoma epithelial cell) whole cell lysates
Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 3: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 4: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 5: Rat heart 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: 21 kDa
Observed band size: 18 kDa
Developed using the ECL technique (Cat. No. SQ201).