Anti-ADAM9 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014375

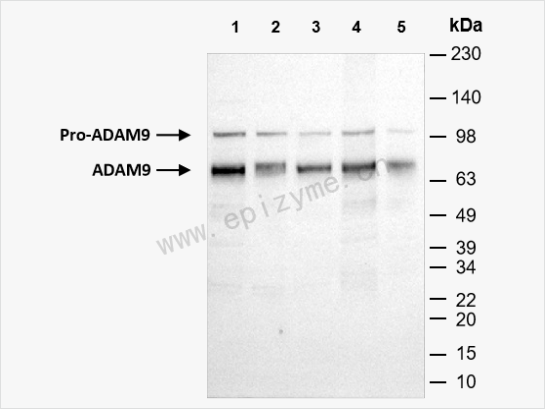
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	67B76I03
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ADAM9
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-ADAM9 Rabbit mAb [67B76I03] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ADAM 9, ADAM metallopeptidase domain 9, Adam9, ADAM9_HUMAN, Cellular disintegrin-related protein, Cone rod dystrophy 9, CORD9, Disintegrin and metalloproteinase domain-containing protein 9, MCMP, MDC9, Meltrin-gamma, Metalloprotease/disintegrin/cysteine-rich protein 9, Mltng, Myeloma cell metalloproteinase.
Calculated MW	Calculated MW: 91 kDa; Observed MW: 100 kDa, 75 kDa
Uniprot ID	Q13443
Gene ID	8754
Background	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jul 2010]
Cellular Location	Secreted and Cell membrane.
Tissue Location	Widely expressed. Expressed in chondrocytes. Isoform 2 is highly expressed in liver and heart.

Validation Images



Western Blot - Anti-ADAM9 Rabbit mAb [67B76I03]
All lanes: R014375 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: T24 (Human bladder cancer epithelial cell) 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: 91 kDa
Observed band size: 100 kDa, 75 kDa
Developed using the ECL technique (Cat. No. SQ201).