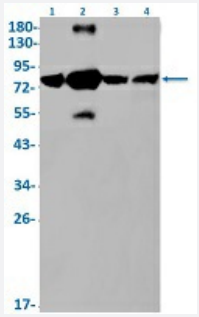
RecomAb™

KRIT1 recombinant monoclonal antibody, clone R01-6K9

Catalog # RAB02147 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: C6, Lane 2: 3T3, Lane 3: Hela and Lane 4: K562 lysates with KRIT1 recombinant monoclonal antibody, clone R01-6K9 (Cat # RAB02147).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KRIT1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human KRIT1.
Theoretical MW (kDa)	Calculated MW: 84 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: C6, Lane 2: 3T3, Lane 3: Hela and Lane 4: K562 lysates with KRIT1 recombinant monoclonal antibody, clone R01-6K9 (Cat # RAB02147).

Gene Info — KRIT1

Entrez GeneID	889
Protein Accession#	O00522
Gene Name	KRIT1
Gene Alias	CAM, CCM1
Gene Description	KRIT1, ankyrin repeat containing
Omim ID	116860 604214
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein containing four ankyrin repeats, a band 4.1/ezrin/radixin/moesin (FE RM) domain, and multiple NPXY sequences. The encoded protein is localized in the nucleus and cytoplasm. It binds to integrin cytoplasmic domain-associated protein-1 alpha (ICAP1alpha), and plays a critical role in beta1-integrin-mediated cell proliferation. It associates with junction proteins and RAS-related protein 1A (Rap1A), which requires the encoded protein for maintaining the inte grity of endothelial junctions. It is also a microtubule-associated protein and may play a role in mic rotubule targeting. Mutations in this gene result in cerebral cavernous malformations. Multiple alter natively spliced transcript variants have been found for this gene. [provided by RefSeq
Other Designations	ankyrin repeat-containing protein Krit1|cerebral cavernous malformations 1|krev interaction trappe d 1

Disease

- Hemangioma

- Tobacco Use Disorder