

KRIT1 rabbit monoclonal antibody

Catalog # H00000889-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human KRIT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human KRIT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human KRIT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — KRIT1

Entrez GeneID	889
GeneBank Accession#	KRIT1
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 (FERM) 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 integrity of endothelial junctions. It is also a microtubule-associated protein and may play a role in microtubule targeting. Mutations in this gene result in cerebral cavernous malformations. Multiple alternatively 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 trapped 1

Disease

- [Hemangioma](#)
- [Tobacco Use Disorder](#)