ERC1 rabbit monoclonal antibody

Catalog #   H00023085-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ERC1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ERC1 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 ERC1 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 — ERC1

Entrez GeneID	23085
GeneBank Accession#	ERC1
Gene Name	ERC1
Gene Alias	Cast2, ELKS, KIAA1081, MGC12974, RAB6IP2
Gene Description	ELKS/RAB6-interacting/CAST family member 1
Omim ID	607127
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of a family of RIM-binding proteins. RIMs are active zone proteins that regulate neurotransmitter release. This gene has been found fused to the receptor-type tyrosine kinase gene RET by gene rearrangement due to the translocation t(10;12)(q11;p13). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000160633|RAB6 interacting protein 2|RAB6-interacting protein 2|Rab6-interacting protein 2

Disease

- Tobacco Use Disorder