

CAMLG rabbit monoclonal antibody

Catalog # H00000819-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	819
GeneBank Accession#	CAMLG
Gene Name	CAMLG
Gene Alias	CAML, MGC163197
Gene Description	calcium modulating ligand
Omim ID	601118
Gene Ontology	Hyperlink
Gene Summary	The immunosuppressant drug cyclosporin A blocks a calcium-dependent signal from the T-cell receptor (TCR) that normally leads to T-cell activation. When bound to cyclophilin B, cyclosporin A binds and inactivates the key signaling intermediate calcineurin. The protein encoded by this gene functions similarly to cyclosporin A, binding to cyclophilin B and acting downstream of the TCR and upstream of calcineurin by causing an influx of calcium. This integral membrane protein appears to be a new participant in the calcium signal transduction pathway, implicating cyclophilin B in calcium signaling, even in the absence of cyclosporin. [provided by RefSeq]
Other Designations	calcium-modulating cyclophilin ligand calcium-signal modulating cyclophilin ligand cyclophilin B-binding protein

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)