SCG2 rabbit monoclonal antibody

Catalog #   H00007857-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SCG2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SCG2 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 SCG2 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 — SCG2

Entrez GeneID	7857
GeneBank Accession#	SCG2
Gene Name	SCG2
Gene Alias	CHGC, SN, SgII
Gene Description	secretogranin II (chromogranin C)
Omim ID	118930
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the chromogranin/secretogranin family of neuro endocrine secretory proteins. Studies in rodents suggest that the full-length protein, secretogranin II, is involved in the packaging or sorting of peptide hormones and neuropeptides into secretory v esicles. The full-length protein is cleaved to produce the active peptide secretoneurin, which exert s chemotaxic effects on specific cell types, and EM66, whose function is unknown. [provided by R efSeq
Other Designations	Chromogranin C (secretogranin II)|EM66|secretogranin II|secretoneurin