

CYSLTR2 rabbit monoclonal antibody

Catalog # H00057105-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYSLTR2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYSLTR2 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 CYSLTR2 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 — CYSLTR2

Entrez GeneID	57105
GeneBank Accession#	CYSLTR2
Gene Name	CYSLTR2
Gene Alias	CYSLT2, CYSLT2R, GPCR, HG57, HPN321, KPG_011, PSEC0146, hGPCR21
Gene Description	cysteinyl leukotriene receptor 2
Omim ID	605666
Gene Ontology	Hyperlink
Gene Summary	The cysteinyl leukotrienes LTC4, LTD4, and LTE4 are important mediators of human bronchial asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2 receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in endocrine and cardiovascular systems. [provided by RefSeq]
Other Designations	G protein-coupled receptor OTTHUMP00000018401 cysteinyl leukotriene CysLT2 receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)

- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Rhinitis](#)
- [Sinusitis](#)