

GJB5 rabbit monoclonal antibody

Catalog # H00002709-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GJB5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GJB5 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 GJB5 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 — GJB5

Entrez GeneID	2709
GeneBank Accession#	GJB5
Gene Name	GJB5
Gene Alias	CX31.1
Gene Description	gap junction protein, beta 5, 31.1kDa
Omim ID	604493
Gene Ontology	Hyperlink
Gene Summary	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family.[supplied by OMIM]
Other Designations	OTTHUMP00000004186 connexin 31.1 gap junction protein, beta 5 (connexin 31.1)

Disease

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