

GJB7 rabbit monoclonal antibody

Catalog # H00375519-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GJB7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GJB7 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 GJB7 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 — GJB7

Entrez GeneID [375519](#)

GeneBank Accession# [GJB7](#)

Gene Name GJB7

Gene Alias CX25, MGC71746, bA136M9.1, connexin25

Gene Description gap junction protein, beta 7, 25kDa

Gene Ontology [Hyperlink](#)

Gene Summary Connexins, such as GJB7, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasm of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits (Sohl et al., 2003 [PubMed 12881038]).[supplied by OMIM]

Other Designations OTTHUMP00000016827|connexin 25