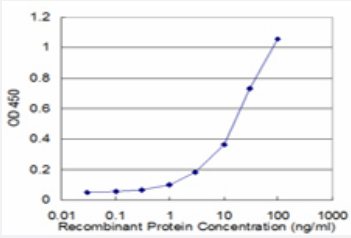
GJB1 monoclonal antibody (M08), clone 1F5

Catalog # H00002705-M08 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GJB1 is approximately 1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GJB1.
Immunogen	GJB1 (AAH22426, 75 a.a. ~ 174 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RLWSLQLILVSTPALLVAMHVAHQQHIEKKMLRLEGHGDPLHLEEVKRHKVHISGTLWWTYVISVV FRLLFEAVFMYVFYLLYPGYAMVRLVKCDVYPCP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

- ELISA

Gene Info — GJB1

Entrez GeneID	2705
GeneBank Accession#	BC022426
Protein Accession#	AAH22426
Gene Name	GJB1
Gene Alias	CMTX, CMTX1, CX32
Gene Description	gap junction protein, beta 1, 32kDa
Omim ID	302800 304040
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the gap junction protein family. The gap junction proteins are membrane-spanning proteins that assemble to form gap junction channels that facilitate the transfer of ions and small molecules between cells. According to sequence similarities at the nucleotide and amino acid levels, the gap junction proteins are divided into two categories, alpha and beta. Mutations in this gene cause X-linked Charcot-Marie-Tooth disease, an inherited peripheral neuropathy. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000023502|OTTHUMP00000023503|OTTHUMP00000023504|connexin 32

Disease

- Charcot-Marie-Tooth Disease
- Deafness
- Genetic Diseases

- Genetic Predisposition to Disease
- Hearing Loss
- Ovarian Neoplasms