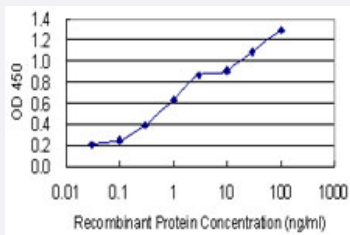# GJD2 monoclonal antibody (M03), clone 5E5

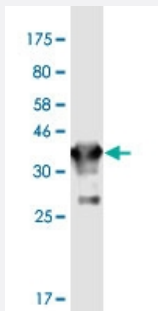Catalog #   H00057369-M03   Size   100 ug

Applications

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GJD2 is 0.03 ng/ml as a capture antibody.

Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GJD2.
Immunogen	GJD2 (NP_065711.1, 99 a.a. ~ 197 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HQSAKQRERRYSTVFLALDRDPPESIGGPGGTGGGGSGGGKREDKKLQNAIVNGVLQNTENTSK ETEPDCLEVKELTPHPSGLRTASKSKLRRQEGISR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (94); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  [Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged GJD2 is 0.03 ng/ml as a capture antibody.

  [Protocol Download](#)

- ELISA

Gene Info — GJD2

Entrez GeneID	57369
GeneBank Accession#	NM_020660
Protein Accession#	NP_065711.1
Gene Name	GJD2
Gene Alias	CX36, GJA9, MGC138315, MGC138319
Gene Description	gap junction protein, delta 2, 36kDa
Omim ID	607058
Gene Ontology	Hyperlink

Gene Summary	This gene is a member of the connexin gene family that is expressed predominantly in mammalian neurons. Connexins associate in groups of 6 and are organized radially around a central pore to form connexons. Each gap junction intercellular channel is formed by the conjunction of 2 connexons. [provided by RefSeq
Other Designations	connexin 36|connexin-36|gap junction alpha-9 protein|gap junction protein, alpha 9, 36kDa

Pathway

- Gap junction

Disease

- Genetic Predisposition to Disease

- Myopia