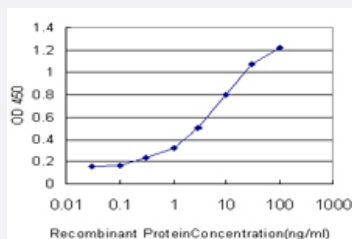


SLC26A4 monoclonal antibody (M03), clone 3D2

Catalog # H00005172-M03

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A4 is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SLC26A4.
Immunogen	SLC26A4 (NP_000432, 674 a.a. ~ 754 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RSLRVIVKEFQRIDVNVYFASLQDYVIEKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQVKSQEGQG SILETITLIQDCKD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (88)
Isotype	IgG2a 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.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SLC26A4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SLC26A4

Entrez GeneID	5172
GeneBank Accession#	NM_000441
Protein Accession#	NP_000432
Gene Name	SLC26A4
Gene Alias	DFNB4, EVA, PDS
Gene Description	solute carrier family 26, member 4
Omim ID	274600 600791 605646
Gene Ontology	Hyperlink
Gene Summary	Mutations in this gene are associated with Pendred syndrome, the most common form of syndromic deafness, an autosomal-recessive disease. It is highly homologous to the SLC26A3 gene; they have similar genomic structures and this gene is located 3' of the SLC26A3 gene. The encoded protein has homology to sulfate transporters. [provided by RefSeq]
Other Designations	pendrin

Disease

- [Auditory Threshold](#)
- [Autoimmune Diseases](#)
- [Bone Conduction](#)
- [Deafness](#)

- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Goiter](#)
- [Hearing Loss](#)
- [HIV Infections](#)
- [Pendred syndrome](#)
- [Presbycusis](#)
- [Speech Perception](#)
- [Syndrome](#)
- [Thyroid Diseases](#)
- [Thyroid Neoplasms](#)
- [Vertigo](#)