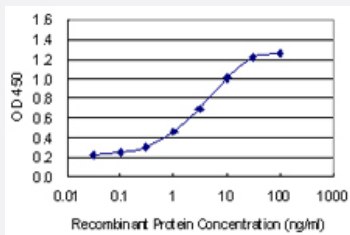


OTOS monoclonal antibody (M02), clone 6C6

Catalog # H00150677-M02

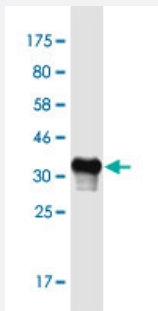
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (32.78 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant OTOS.
Immunogen	OTOS (NP_683764.1, 26 a.a. ~ 89 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EEGDPYAELPAMPYWPFFSTDFWNYVQHFQALGAYPQIEDMARTFFAHFPLGSTLG FHV PYQED
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (32.78 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 OTOS is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — OTOS

Entrez GeneID

[150677](#)

GeneBank Accession#

[NM_148961](#)

Protein Accession#

[NP_683764.1](#)

Gene Name

OTOS

Gene Alias

OTOSP

Gene Description

otospiralin

Omim ID

[607877](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Otospiralin is synthesized by nonsensory cells (fibrocytes) of the inner ear, and downregulation of otospiralin in guinea pigs leads to deafness (Lavigne-Rebillard et al., 2003 [PubMed 12687421]). [supplied by OMIM]

Other Designations

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