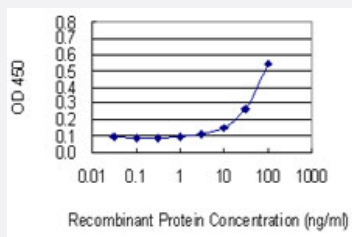


POFUT1 monoclonal antibody (M01), clone 3H1

Catalog # H00023509-M01

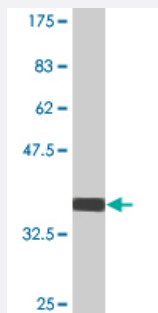
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged POFUT1 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant POFUT1.
Immunogen	POFUT1 (NP_758436, 85 a.a. ~ 194 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VSYQKYFKLEPLQAYHRVISLEDFMEKLAPTHWPPEKRVAYCFEVAQAQRSPDKKTCPMKEGNPF GPFWDQFHVSFNKSELFSGISFSASYREQWSQRRENHSCVTLLFPR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 POFUT1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — POFUT1

Entrez GeneID	23509
GeneBank Accession#	NM_172236
Protein Accession#	NP_758436
Gene Name	POFUT1
Gene Alias	FUT12, KIAA0180, MGC2482, O-FUT, O-Fuc-T, O-FucT-1
Gene Description	protein O-fucosyltransferase 1
Omim ID	607491
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the glycosyltransferase O-Fuc family. This enzyme adds O-fucose through an O-glycosidic linkage to conserved serine or threonine residues in the epidermal growth factor-like repeats of a number of cell surface and secreted proteins. O-fucose glycans are involved in ligand-induced receptor signaling. Alternative splicing of this gene results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

GDP-fucose protein O-fucosyltransferase 1|OTTHUMP00000030583|OTTHUMP00000030584|O-fucosyltransferase protein

Disease

- [Tobacco Use Disorder](#)