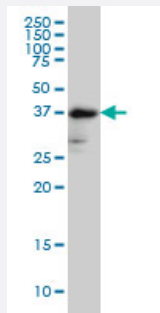


FUT2 monoclonal antibody (M02), clone 4C12

Catalog # H00002524-M02

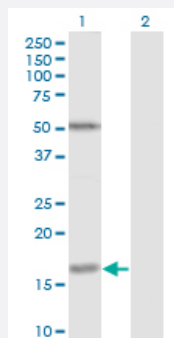
Size 100 ug

Applications



Western Blot (Cell lysate)

FUT2 monoclonal antibody (M02), clone 4C12 Western Blot analysis of FUT2 expression in NIH/3T3 (Cat # L018V1).

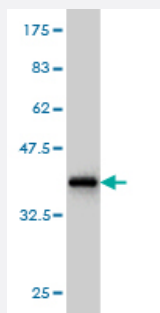


Western Blot (Transfected lysate)

Western Blot analysis of FUT2 expression in transfected 293T cell line by FUT2 monoclonal antibody (M02), clone 4C12.

Lane 1: FUT2 transfected lysate(17.5 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant FUT2.

Immunogen	FUT2 (NP_000502, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TSKALGPSQLRGMWTINAIGRLGNQMGEYATLYALAKMNGRPAFIPAQMHSSTLAPIFRITLPVLHSA TASRIPWQNYHLNDWMEEEEYRHFPGEYVRFTGY
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (80); Rat (78)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Cell lysate)

FUT2 monoclonal antibody (M02), clone 4C12 Western Blot analysis of FUT2 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of FUT2 expression in transfected 293T cell line by FUT2 monoclonal antibody (M02), clone 4C12.

Lane 1: FUT2 transfected lysate(17.5 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — FUT2

Entrez GeneID	2524
GeneBank Accession#	NM_000511
Protein Accession#	NP_000502
Gene Name	FUT2
Gene Alias	SE, SEC2, Se2, sej
Gene Description	fucosyltransferase 2 (secretor status included)
Omim ID	182100
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 2 alpha (1,2) fucosyltransferase alpha(1,2)FT2 fucosyltransferase 2 galactoside 2-alpha-L-fucosyltransferase 2 secretor blood group alpha-2-fucosyltransferase secretor factor

Pathway

- [Glycosphingolipid biosynthesis - globo series](#)
- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Asthma](#)
- [Breast Neoplasms](#)
- [Caliciviridae Infections](#)
- [Carcinoma](#)

- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
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- [Gastroenteritis](#)
- [Genetic Predisposition to Disease](#)
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- [HIV Infections](#)
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- [Pseudomonas Infections](#)
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