

FUT7 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant FUT7.

Catalog # AT2124a

Specification

FUT7 Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	O11130
Other Accession	NM_004479
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	39239

FUT7 Antibody (monoclonal) (M03) - Additional Information

Gene ID 2529

Other Names

Alpha-(1, 3)-fucosyltransferase 7, 241-, Fucosyltransferase 7, Fucosyltransferase VII, Fuc-TVII, FucT-VII, Galactoside 3-L-fucosyltransferase, Selectin ligand synthase, FUT7

Target/Specificity

FUT7 (NP_004470, 262 a.a. ~ 342 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

FUT7 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

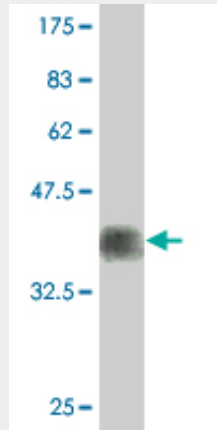
FUT7 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

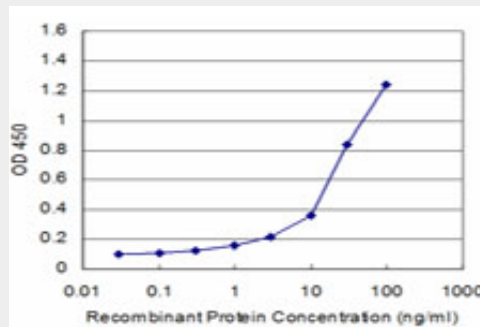
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FUT7 Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.65 kDa) .



Detection limit for recombinant GST tagged FUT7 is approximately 0.3ng/ml as a capture antibody.

FUT7 Antibody (monoclonal) (M03) - Background

The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X antigens. The encoded protein can direct the synthesis of the E-selectin-binding sialyl-Lewis X moiety.

FUT7 Antibody (monoclonal) (M03) - References

Association of genetic variants with hemorrhagic stroke in Japanese individuals. Yoshida T, et al. *Int J Mol Med*, 2010 Apr. PMID 20198315. Assessment of a polymorphism of SDK1 with hypertension in Japanese individuals. Oguri M, et al. *Am J Hypertens*, 2010 Jan. PMID 19851296. α 1,3 fucosyltransferase-VII up-regulates the mRNA of α 5 integrin and its biological function. Wang QY, et al. *J Cell Biochem*, 2008 Aug 15. PMID 18452157. Overexpression of fucosyltransferase VII (FUT7) promotes embryo adhesion and implantation. Zhang Y, et al. *Fertil Steril*, 2009 Mar. PMID 18402946. Evaluation of urinary CA19-9 levels in bladder cancer patients classified according to the combinations of Lewis and Secretor blood group genotypes. Nagao K, et al. *Int J Urol*, 2007 Sep. PMID 17760744.