SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human fut4 Antibody

Cat. No.: **MOM-18307**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human FUT4, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

This antibody detects staggede-specific mouse embryonic antigen (SSEA-1). It is often used as a marker of undifferentiated mouse embryonic stem cells, embryonal carcinoma cells and primordial germ cells. The antigen is not present on human embryonic stem cells.

Specific Activity

Tested positive against native antigen.

Target

FUT4

Immunogen

F9 teratocarcinoma stem cells (X-irradiated).

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFOMATION

Gene Name

FUT4 fucosyltransferase 4 (alpha fucosyltransferase, myeloid-specific) [Homo sapiens]

Official Symbol

FUT4

Synonyms

FUT4; fucosyltransferase 4 (alpha fucosyltransferase, myeloid-specific); CD15, ELFT, FCT3A; alpha--fucosyltransferase; ELAM ligand fucosyltransferase; FUC TIV; galactoside 3 L fucosyltransferase; Lewis X; fucT-IV; fucosyltransferase IV; ELAM-1 ligand fucosyltransferase; galactoside 3-L-fucosyltransferase; staggede-specific embryonic antigen 1; LeX; CD15; ELFT; FCT3A; FUTIV; SSEA-1; FUC-TIV

Gene ID

2526

mRNA Refseq

NM_002033

Protein Refseq

NP_002024

MIM

104230

UniProt ID

P22083

Chromosome Location

11q12-qter

Pathway

Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem; Other types of O-glycan biosynthesis, organism-specific biosystem; Other types of O-glycan biosynthesis, conserved biosystem;

Function

alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;

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