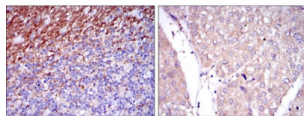
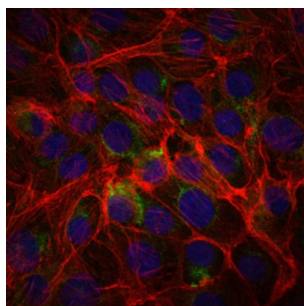


## Alpha-(1,3)-Fucosyltransferase 4 (FUT4) Antibody

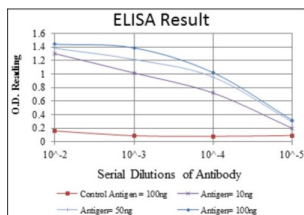
Catalogue No.: abx011688



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues (left) and human liver cancer tissues (right) using CD15 antibody with DAB staining.



Immunofluorescence analysis of PC-2 cells using CD15 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

The product of this gene transfers fucose to N-acetylglucosamine polysaccharides to generate fucosylated carbohydrate structures. It catalyzes the synthesis of the non-sialylated antigen, Lewis x (CD15).

**Target:** Alpha-(1,3)-Fucosyltransferase 4 (FUT4)

**Clonality:** Monoclonal

**Reactivity:** Human

**Tested Applications:** ELISA, IHC, IF/ICC

**Host:** Mouse

**Recommended dilutions:** ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

# Datasheet

Version: 4.0.0  
Revision date: 05 Mar 2025



|                     |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Conjugation:        | Unconjugated                                                                                                                               |
| Immunogen:          | Synthesized peptide of human CD15.                                                                                                         |
| Isotype:            | IgG <sub>1</sub>                                                                                                                           |
| Form:               | Liquid                                                                                                                                     |
| Purification:       | Unpurified ascites.                                                                                                                        |
| Storage:            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| UniProt Primary AC: | P22083 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| Gene Symbol:        | FUT4                                                                                                                                       |
| GeneID:             | <a href="#">2526</a>                                                                                                                       |
| OMIM:               | <a href="#">104230</a>                                                                                                                     |
| HGNC:               | 4015                                                                                                                                       |
| KEGG:               | hsa:2526                                                                                                                                   |
| Ensembl:            | ENSG00000196371                                                                                                                            |
| String:             | <a href="#">9606.ENSP00000351602</a>                                                                                                       |
| Molecular Weight:   | 59 kDa                                                                                                                                     |
| Buffer:             | Ascitic fluid containing 0.03% sodium azide.                                                                                               |
| Concentration:      | Not determined.                                                                                                                            |
| Note:               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |