

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB10981 - Goat Anti-FUT2 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** FUT2, fucosyltransferase 2 (secretor status included), B12QTL1, SE, SEC2, Se2, sej, GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 2, alpha (1,2) fucosyltransferase, alpha(1,2)FT2, galactoside 2-alpha-L-fucosyltransferase 2

Official Symbol: FUT2

Accession Number(s): NP\_000502.4

Human GeneID(s): 2524

Important Comments: Reported variants represent identical protein: NP\_001091107.1,

NP\_000502.4

### Immunogen

Peptide with sequence C-HVQQRLAKIQAMWE, from the internal region (near N Terminus) of the protein sequence according to NP\_000502.4.

Please note the peptide is available for sale.

### **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:64000.

**Western blot:** Approx 37kDa band observed in Human Liver lysates (calculated MW of 39.0kDa according to NP\_000502.4. Recommended concentration: 1-3μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Placenta. Recommended concentration: 5µg/ml.

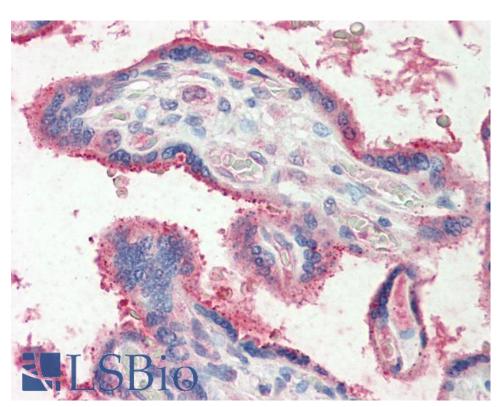
#### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10981 (1μg/ml) staining of Human Liver lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB10981 ( $5\mu g/ml$ ) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.