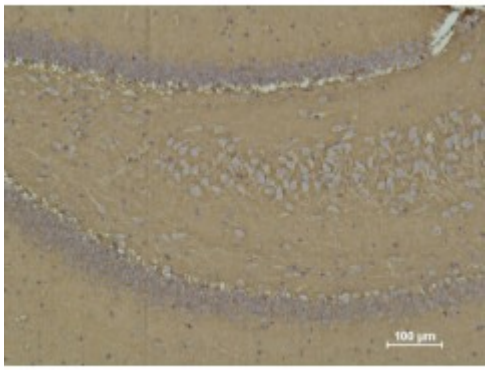
Anti-CD15 antibody



Description	CD15 is a protein encoded by the FUT4 gene which is approximately 59 kDa. CD15 is localised to the Golgi stack membrane. It is involved in glycosphingolipid biosynthesis, mannose type O-glycan biosynthesis and metabolism. It transfers fucose to N-acetyllactosamine polysaccharides to generate fucosylated carbohydrate structures. It also catalyses the synthesis of the non-sialylated antigen, Lewis x. CD15 is expressed in the blood, bone marrow, lymph node, spleen and nervous system. Mutations in the FUT4 gene may result in liver lymphoma. STJ97007 was developed from clone Q89 and was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. The antibody detects endogenous CD15 protein.

Model	STJ97007
Host	Mouse
Reactivity	Human
Applications	IHC
Immunogen	Synthetic Peptide
Gene ID	2526
Gene Symbol	FUT4
Dilution range	IHC 1:100
Specificity	The antibody detects endogenous CD15 protein.
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	Q89

Note	For Research Use Only (RUO).
Protein Name	Alpha- 1,3-fucosyltransferase 4 ELAM-1 ligand fucosyltransferase Fucosyltransferase 4 Fucosyltransferase IV Fuc-TIV FucT-IV Galactoside 3-L-fucosyltransferase
Clonality	Monoclonal
Conjugation	Unconjugated
Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4015OMIM:104230
Alternative Names	Alpha- 1,3-fucosyltransferase 4 ELAM-1 ligand fucosyltransferase Fucosyltransferase 4 Fucosyltransferase IV Fuc-TIV FucT-IV Galactoside 3-L-fucosyltransferase
Function	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens.
Cellular Localization	Golgi apparatus, Golgi stack membrane. Single-pass type II membrane protein. Membrane-bound form in trans cisternae of Golgi.