

## FUT1 Conjugated Antibody

Catalog No: #C37578



Package Size: #C37578-AF350 100ul #C37578-AF405 100ul #C37578-AF488 100ul  
 #C37578-AF555 100ul #C37578-AF594 100ul #C37578-AF647 100ul  
 #C37578-AF680 100ul #C37578-AF750 100ul #C37578-Biotin 100ul

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## Description

Product Name	FUT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FUT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	H; HH; HSC
Accession No.	Swiss-Prot#:P19526NCBI Gene ID:2523NCBI mRNA#:NCBI Protein#:NP_055761
Uniprot	P19526
GeneID	2523;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	41
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group.

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Note: This product is for in vitro research use only