

## A4GALT Conjugated Antibody

Catalog No: #C37407



Package Size: #C37407-AF350 100ul #C37407-AF405 100ul #C37407-AF488 100ul  
 #C37407-AF555 100ul #C37407-AF594 100ul #C37407-AF647 100ul  
 #C37407-AF680 100ul #C37407-AF750 100ul #C37407-Biotin 100ul

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## Description

Product Name	A4GALT Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total A4GALT protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human alpha 1,4-galactosyltransferase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1
Accession No.	Swiss-Prot#:Q9NPC4NCBI Gene ID:53947NCBI Protein#:NP_001036
Uniprot	Q9NPC4
GeneID	53947;
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
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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

## Background

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The protein encoded by this gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system. The encoded protein, which is a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor.?

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Note: This product is for in vitro research use only