

FUT8 Conjugated Antibody

Catalog No: #C37579



Package Size: #C37579-AF350 100ul #C37579-AF405 100ul #C37579-AF488 100ul
 #C37579-AF555 100ul #C37579-AF594 100ul #C37579-AF647 100ul
 #C37579-AF680 100ul #C37579-AF750 100ul #C37579-Biotin 100ul

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Description

Product Name	FUT8 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total FUT8 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human fucosyltransferase 8 (alpha (1,6) fucosyltransferase)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Alpha-(1,6)-fucosyltransferase; FUT8; MGC26465
Accession No.	Swiss-Prot#:Q9BYC5NCBI Gene ID:2530NCBI mRNA#:NCBI Protein#:NP_000139
Uniprot	Q9BYC5
GeneID	2530;
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	67
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

Background

This gene encodes an enzyme belonging to the family of fucosyltransferases. The product of this gene catalyzes the transfer of fucose from GDP-fucose to N-linked type complex glycopeptides. This enzyme is distinct from other fucosyltransferases which catalyze alpha1-2, alpha1-3, and alpha1-4 fucose addition. The expression of this gene may contribute to the malignancy of cancer cells and to their invasive and metastatic capabilities. Alternative splicing results in multiple transcript variants

Note: This product is for in vitro research use only