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Product datasheet for TA504982

POFUT2 Mouse Monoclonal Antibody [Clone ID: OTI1A6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A6
Applications:	FC, WB
Recommended Dilution:	WB 1:1000, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protien of human POFUT2(NP_598368) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49.8 kDa
Gene Name:	protein O-fucosyltransferase 2
Database Link:	NP_598368 Entrez Gene 80294 MouseEntrez Gene 309686 RatEntrez Gene 23275 Human Q9Y2G5
Background:	Fucose is typically found as a terminal modification of branched chain glycoconjugates, but it also exists in direct O-linkage to serine or threonine residues within cystine knot motifs in epidermal growth factor (EGF; MIM 131530)-like repeats or thrombospondin (THBS; see MIM 188060) type-1 repeats. POFUT2 is an O-fucosyltransferase that use THBS type-1 repeats as substrates (Luo et al., 2006 [PubMed 16464857]). [supplied by OMIM]

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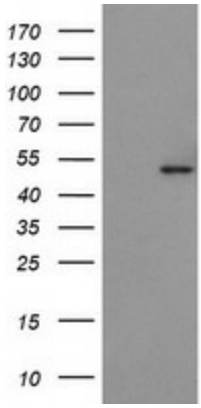
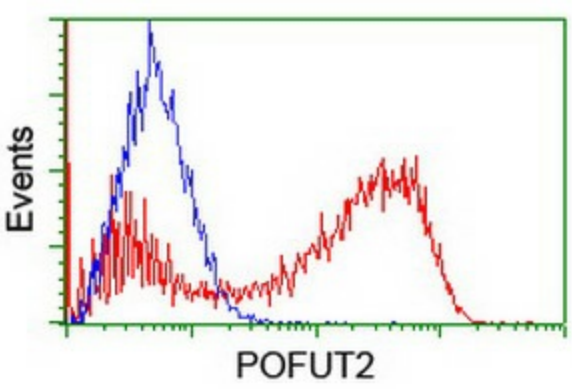
Synonyms: C21orf80; FUT13

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POFUT2 ([RC209505], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POFUT2. Positive lysates [LY408775] (100ug) and [LC408775] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC209505] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-POFUT2 antibody (TA504982), and then analyzed by flow cytometry.