

Product datasheet for **TA504983S**

POFUT2 Mouse Monoclonal Antibody [Clone ID: OTI3C12]

Product data:

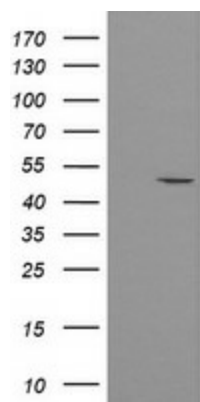
| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3C12 |
| Applications: | WB |
| Recommended Dilution: | WB 1:1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein 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 Mouse Entrez Gene 309686 Rat Entrez 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, Mar 2008] |



[View online »](#)

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.