



COSMC mouse mAb

Catalog No	YP-mAb-18103
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	C1GALT1C1 COSMC HSPC067 MSTP143 UNQ273/PRO310
Immunogen	Synthesized peptide derived from human COSMC
Specificity	This antibody detects endogenous levels of COSMC at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C1Gal T2;C1GALT1 chaperone 1;C1GALT1 specific chaperone 1;C1GALT1C1; C1GALT2;c38h2 l1;C38H2 like protein 1;Core 1 beta3 Gal T2;COSMC; HSPC067;MSTP143;UNQ273/PRO310;C1GALT1C1 COSMC HSPC067 MSTP143 UNQ273/PRO310;C1GALT1-specific chaperone 1 (C38H2-like protein 1) (C38H2-L1) (Core 1 beta1;3-galactosyltransferase 2) (C1Gal-T2) (C1GalT2) (Core 1 beta3-Gal-T2) (Core 1 beta3-galactosyltransferase-specific molecule
Observed Band	36-37 kDa
Calculated Molecular Weight	36 kDa
Cell Pathway	Membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitously expressed. Abundantly expressed in salivary gland, stomach, small intestine, kidney, and testis and at intermediate levels in whole brain, cerebellum, spinal cord, thymus, spleen, trachea, lung, pancreas, ovary, and uterus.
Function	Probable chaperone required for the generation of 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Probably acts as a specific molecular chaperone assisting the folding/stability of core 1 beta-3-galactosyltransferase (C1GALT1).



Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images