ANGPTL3 mouse mAb

Catalog No	YP-mAb-12416
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ANGPTL3 ANGPT5 UNQ153/PRO179
Immunogen	Synthesized peptide derived from human ANGPTL3 AA range: 50-130
Specificity	This antibody detects endogenous levels of Human ANGPTL3
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	ANG-5;Angiopoietin like protein 3;Angiopoietin related protein 3;Angiopoietin-5; Angiopoietin-like protein 3;ANGPTL3;ANGPTL3 ANGPT5 UNQ153/PRO179; Angiopoietin-related protein 3 (Angiopoietin-5;Angiopoietin-like protein 3)
Observed Band	54 kDa
Calculated Molecular Weight	460 aa, 54 kDa
Cell Pathway	Secreted . Cell projection, lamellipodium . Colocalized with HSPG2 and activated ITGB3 on podocytes. .
Tissue Specificity	Expressed principally in liver. Weakly expressed in kidney. Binds to adipocytes. Increased expression and colocalization with activated ITGB3 in glomeruli of patients with nephrotic syndrome showing effaced podocyte foot processes (at protein level).
Function	blood vessel development, vasculature development, glycerol metabolic process, fatty acid metabolic process,phospholipid metabolic process, cell adhesion, cell-matrix adhesion, cell surface receptor linked signal transduction,integrin-mediated signaling pathway, steroid metabolic process, cholesterol metabolic process, phospholipid catabolic process, regulation of catabolic process, positive regulation of catabolic process, regulation of phospholipase activity, negative regulation of phospholipase activity, lipid localization, lipid catabolic

	process, sterol metabolic process,regulation of lipid metabolic process, alditol metabolic process, organophosphate metabolic process, polyol metabolic process, lipid storage, biological adhesion, regulation of cell migration, positive regulation of cell migration, cell-substrate adhesion, regulation of locomotion, positive regulation of locomotion,
Background	similarity:Contains 1 fibrinogen C-terminal domain.,tissue specificity:Expressed principally in liver. Weakly expressed in kidney.,
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.

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