



WDR24 Mouse mAb

Catalog No	YP-mAb-19258
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	WDR24 C16orf21 JFP7
Immunogen	Synthesized peptide derived from human WDR24
Specificity	This antibody detects endogenous levels of WDR24 at Human, Mouse
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C16orf21;EC:2.3.2.27;GATOR2 complex protein WDR24;JFP7;WD repeat-containing protein 24;WDR24 C16orf21 JFP7
Observed Band	102 kDa, 88 kDa
Calculated Molecular Weight	920 aa, 102 kDa
Cell Pathway	Lysosome membrane .
Tissue Specificity	
Function	As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway . Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex . It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1 . In addition to its role in regulation of the TORC1 complex, promotes the acidification of lysosomes and facilitates autophagic flux .
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