



# WDR44 Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-06401
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	WDR44
<b>Protein Name</b>	WD repeat-containing protein 44 (Rabphilin-11)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	WDR44 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	100kD
<b>Cell Pathway</b>	Cytoplasm, cytosol. Cytoplasm, perinuclear region. Endosome membrane. Golgi apparatus, trans-Golgi network. Colocalized with RAB11 along microtubules oriented toward lamellipodia. .
<b>Tissue Specificity</b>	Amygdala,Colon endothelium,Endometrial tumor,Epithelium,Teratocarcinoma,Testis,Tong
<b>Function</b>	function:Downstream effector for RAB11. May be involved in vesicle recycling.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 7 WD repeats.,subcellular location:Colocalized with RAB11 along microtubules oriented toward lamellipodia.,subunit:Interacts with the GTP-bound form of RAB11 when membrane-associated. Does not bind to other Rab and Rho small G proteins.,
<b>Background</b>	This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010],
<b>matters needing attention</b>	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**