



Anti-OCRL monoclonal antibody, clone FQ21367 (DCABH-7017)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to INPP5F
Antigen Description	Converts phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate. Also converts inositol 1,4,5-trisphosphate to inositol 1,4-bisphosphate and inositol 1,3,4,5-tetrakisphosphate to inositol 1,3,4-trisphosphate. May function in lysosomal membrane trafficking by regulating the specific pool of phosphatidylinositol 4,5-bisphosphate that is associated with lysosomes.
Immunogen	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human INPP5F aa 150-250 (Cysteine residue). The exact sequence is proprietary. Database link: Q01968
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQ21367
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	293T, SH-SY5Y, HeLa and JAR cell lysates. Permeabilized SH-SY5Y cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.2; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 49% PBS, 0.05% BSA

Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	OCRL oculocerebrorenal syndrome of Lowe [Homo sapiens]
Official Symbol	OCRL
Synonyms	OCRL; oculocerebrorenal syndrome of Lowe; inositol polyphosphate 5-phosphatase OCRL-1; OCRL1; Lowe oculocerebrorenal syndrome protein; phosphatidylinositol polyphosphate 5-phosphatase; LOCR; NPHL2; INPP5F; OCRL-1;
Entrez Gene ID	4952
Protein Refseq	NP_000267
UniProt ID	Q01968
Chromosome Location	Xq25
Pathway	1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), organism-specific biosystem; 1D-myo-inositol hexakisphosphate biosynthesis II (mammalian), conserved biosystem; 3-phosphoinositide degradation, organism-specific biosystem; 3-phosphoinositide degradation, conserved biosystem; Clathrin derived vesicle budding, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, organism-specific biosystem; D-myo-inositol (1,3,4)-trisphosphate biosynthesis, conserved biosystem;
Function	hydrolase activity; phosphatidylinositol-4,5-bisphosphate 5-phosphatase activity; protein binding;