MFRP Monoclonal Antibody

Catalog No	BYmab-10864
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MFRP
Protein Name	MFRP
Immunogen	Synthesized peptide derived from human MFRP
Specificity	This antibody detects endogenous levels of human MFRP
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	Membrane frizzled-related protein (Membrane-type frizzled-related protein)
Observed Band	62kD
Cell Pathway	Apical cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Specifically expressed in brain. Strongly expressed in medulla oblongata and to a lower extent in hippocampus and corpus callosum. Expressed in keratinocytes.
Function	developmental stage:Expressed in fetal brain.,disease:Defects in C1QTNF5 are a cause of late-onset retinal degeneration (LORD) [MIM:605670]. LORD is an autosomal dominant disorder characterized by onset in the fifth to sixth decade with night blindness and punctate yellow-white deposits in the retinal fundus, progressing to severe central and peripheral degeneration, with choroidal neovascularization and chorioretinal atrophy.,disease:Defects in MFRP are the cause of microphthalmia MFRP-related (MCOPMFRP) [MIM:611040]. Microphthalmia is a clinically heterogeneous disorder of eye formation, ranging from small size of a single eye to complete bilateral absence of ocular tissues. Ocular abnormalities like opacities of the cornea and lens, scaring of the retina and choroid, cataract and other abnormalities like cataract may also be present. MCOPMFRP is characterized by posterior microphthalm

Background	membrane frizzled-related protein(MFRP) Homo sapiens This gene encodes a member of the frizzled-related protein family. The encoded protein plays an important role in eye development and mutations in this gene have been associated with nanophthalmos, posterior microphthalmia, retinitis pigmentosa, foveoschisis, and optic disc drusen. The protein is encoded by a bicistronic transcript which also encodes C1q and tumor necrosis factor related protein 5 (C1QTNF5). [provided by RefSeq, Jun 2013],
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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