

Datasheet for ABIN7595456

anti-MPHOSPH8 antibody (AA 50-120) (FL490)



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Overview

Quantity:	200 µL
Target:	MPHOSPH8
Binding Specificity:	AA 50-120
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MPHOSPH8 antibody is conjugated to FL490
Application:	Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-MPP8 Antibody FL490 Conjugate
Immunogen:	Fusion protein amino acids 50-120 (Chromo domain) of human MPP8 (accession number Q99549) produced recombinantly in E. Coli
Clone:	N119-44
Isotype:	IgG2b
Specificity:	No off-targets reported
Cross-Reactivity:	Human
Characteristics:	Description: Our Anti-MPP8 mouse monoclonal primary antibody is produced in-house from hybridoma clone N119/44. It detects human MPP8, and is purified by Protein A chromatography. It is great for use in ICC.

Product Details

	Manufacturer Comment: We produce our MPP8 mouse monoclonal primary antibody from hybridoma clone N119/44. It is great in ICC and is purified by Protein A chromatography.
Purification:	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb.
Purity:	> 90 % specific antibody

Target Details

Target:	MPHOSPH8
Alternative Name:	MPP8 (MPHOSPH8 Products)
Background:	<p>Synonyms: M-phase phosphoprotein 8 (Two hybrid-associated protein 3 with RanBPM) (Twa3)</p> <p>Target Description: M-Phase Phosphoprotein 8 is encoded by the gene MPHOSPH8.</p> <p>MPHOSPH8 is a heterochromatin component that specifically recognizes and binds methylated 'Lys-9' of histone H3 (H3K9me) and promotes recruitment of proteins that mediate epigenetic repression. MPHOSPH8 is expressed in the brain. Diseases associated with MPHOSPH8 include Charcot-Marie-Tooth Disease.</p> <p>Gene Name Alternatives: MPHOSPH8 MPP8</p>
Molecular Weight:	100 kDa

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Expiry Date:	12 months
