

Product Datasheet

Anti-MPP8 Antibody FL550 Conjugate



Overview

Catalog #	75-154-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2b
Clone Number	N119/44
Size	200 μ L
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC
Species Reactivity	Human
Immunogen	Fusion protein amino acids 50-120 (Chromo domain) of human MPP8 (accession number Q99549) produced recombinantly in E. Coli
Molecular Weight	100 kDa
Cite this Antibody	Antibodies Inc Cat# 75-154-FL550, RRID: AB_2939569

Details

Target Description	M-Phase Phosphoprotein 8 is encoded by the gene MPHOSPH8. 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.
Specificity	No cross-reactivity reported
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
Storage	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.

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