

Datasheet for ABIN7595588

anti-MPHOSPH8 antibody (AA 50-120) (FL550)[Go to Product page](#)

Overview

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| Quantity: | 200 µL |
| Target: | MPHOSPH8 |
| Binding Specificity: | AA 50-120 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This MPHOSPH8 antibody is conjugated to FL550 |
| Application: | Immunocytochemistry (ICC) |

Product Details

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| Purpose: | Anti-MPP8 Antibody FL550 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

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| | 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

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| 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

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

Handling

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| 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

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| 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 |
