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PRODUCT DATASHEET

Anti-Malin Antibody FL550 Conjugate

Product Details

Available Variants	200 µL (SKU:75-128-FL550)
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone	N85/18
Gene Name	NHLRC1 EPM2B
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	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.
Applications	ICC
Species Reactivity	Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 2-125 (N-terminus encompassing RING domain) of human Malin (also known as NHL repeat-containing protein 1, E3 ubiquitin-protein ligase NHLRC1, NHLRC1 and EPM2B, accession number Q6VVB1)
Specificity	No cross-reactivity reported
Molecular Weight	42 kDa
Quality Control	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 ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2939477
UniProt ID	Q6VVB1 UniProt Summary: E3 ubiquitin-protein ligase. Together with the phosphatase EPM2A/laforin, appears to be involved in the clearance of toxic polyglucosan and protein aggregates via multiple pathways. In complex with EPM2A/laforin and HSP70, suppresses the cellular toxicity of misfolded proteins by promoting their degradation through the ubiquitin-proteasome system (UPS). Ubiquitinates the glycogen-targeting protein phosphatase subunits PPP1R3C/PTG and PPP1R3D in a laforin-dependent manner and targets them for proteasome-dependent degradation, thus decreasing glycogen accumulation. Polyubiquitinates EPM2A/laforin and ubiquitinates AGL and targets them for proteasome-dependent degradation. Also promotes proteasome-independent protein degradation through the macroautophagy pathway.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	378884

Product Images



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