

Product Datasheet

Anti-Ataxin-1, WT Antibody FL650 Conjugate



Overview

Catalog #	75-102-FL650
Conjugate	FL650 Ex: 655 nm, Em: 676 nm
Isotype	IgG1
Clone Number	N65/37
Size	200 µL
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, Mouse, and Rat
Immunogen	Synthetic peptide amino acids 746-761 (RKRRRWSAPETRKLEK) of mouse ataxin-1 (accession number P54254)
Molecular Weight	85 kDa
Cite this Antibody	Antibodies Inc Cat# 75-102-FL650, RRID: AB_2939383

Details

Target Description	Ataxin1, also known as spinocerebellar ataxia type 1 protein homolog, is a highly conserved DNA-binding protein. Ataxin1 is expressed in brain and can be found at high levels in the cortex and the hypothalamus in neurons. It is also expressed in other tissues. Within the cell, it is highly expressed in the nucleus, and can also be found in the cytoplasm. Mutations in the ataxin-1 gene cause spinocerebellar ataxia type 1.
Specificity	Minimal cross-reactivity against S751A mutant of Ataxin-1 by ELISA and immunofluorescence and negative by immunoblot (right)
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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