

Product Datasheet

Anti-Arx Antibody FL550 Conjugate

NeuroMab



KO Validated

Overview

Catalog #	75-402-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone Number	N411/51
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, IHC
Species Reactivity	Mouse and Rat
Immunogen	Fusion protein amino acids 1-220 (N-terminus) of mouse Arx (accession number O35085) produced recombinantly in E. Coli
Molecular Weight	70 kDa
Cite this Antibody	Antibodies Inc Cat# 75-402-FL550, RRID: AB_2940325

Details

Target Description	Homeobox protein ARX, Aristaless-related homeobox or ARX is encoded by the gene ARX and is a member of the group-II aristaless-related protein family. ARX functions as a transcription factor and is thought to be involved in normal CNS development. ARX is expressed in brain and pancreas during development. Diseases associated with ARX include Early Infantile Epileptic Encephalopathy and X-linked Lissencephaly.
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 ≤ -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.

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