

## Product Datasheet

## Anti-Arx Antibody FL490 Conjugate

NeuroMab



KO Validated

## Overview

<b>Catalog #</b>	75-402-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N411/51
<b>Size</b>	200 µL
<b>Concentration</b>	0.5 mg/mL
<b>Host Species</b>	Mouse Monoclonal
<b>Format</b>	Purified by Protein A chromatography
<b>Buffer</b>	PBS with 0.09% azide
<b>Applications</b>	ICC, IHC
<b>Species Reactivity</b>	Mouse and Rat
<b>Immunogen</b>	Fusion protein amino acids 1-220 (N-terminus) of mouse Arx (accession number O35085) produced recombinantly in E. Coli
<b>Molecular Weight</b>	70 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-402-FL490, RRID: AB_2940324

## Details

<b>Target Description</b>	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.
<b>Specificity</b>	No cross-reactivity reported
<b>Purification Method</b>	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.
<b>Quality Control Tests</b>	Each new lot of antibody is quality control tested on cells overexpressing target protein and confirmed to give the expected staining pattern.
<b>Storage</b>	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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