

## Product Datasheet

## Anti-Npas4 Antibody FL650 Conjugate



## Overview

<b>Catalog #</b>	75-395-FL650
<b>Conjugate</b>	FL650 Ex: 655 nm, Em: 676 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N408/62
<b>Size</b>	200 $\mu$ L
<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 597-802 (C-terminus) of rat Npas4 (accession number Q8CJH6) produced recombinantly in E. Coli
<b>Molecular Weight</b>	90 kDa
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-395-FL650, RRID: AB_2940303

## Details

<b>Target Description</b>	Neuronal PAS Domain Protein 4 is encoded by the gene NPAS4. NPAS4 is a transcription factor that is involved in a wide range of physiologic and developmental events. NPAS4 is specifically expressed in neurons. No diseases were found to be associated with NPAS4
<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 by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
<b>Storage</b>	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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