

## Product Datasheet

## Anti-QKI-5 Antibody FL490 Conjugate



## Overview

<b>Catalog #</b>	75-232-FL490
<b>Conjugate</b>	FL490 Ex: 491 nm, Em: 515 nm
<b>Isotype</b>	IgG1
<b>Clone Number</b>	N195A/16
<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>	Human, Mouse, and Rat
<b>Immunogen</b>	Synthetic peptide amino acids 315-331 (ATK <b>VRRHDMRVHPYQRI</b> , with nuclear localization signal underlined) of human QKI-5 (accession number Q96PU)
<b>Molecular Weight</b>	40 kDa (and others)
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-232-FL490, RRID: AB_2939844

## Details

<b>Target Description</b>	QKI5 is a member of the Signal Transduction and Activation of RNA proteins (STAR proteins) family. QKI5, QKI6 QKI7 and QKI7b are alternatively spliced mRNAs from the QKI1 gene. QKI5 is a RNA-binding protein. QKI5 has roles in the regulation of splicing, export and stability of mRNA. It is involved in myelination. It is a nuclear isoform and contains a C-terminal nuclear localization signal. Diseases associated with this gene include Angiocentric Glioma, 6Q Terminal Deletion Syndrome .and Schizophrenia.
<b>Specificity</b>	Does not cross-react with QKI-6, QKI-7 or QKI-7bCross-reacts with other STAR proteins containing similar nuclear localization signals
<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 western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

**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.

**Our Guarantee**

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