

## Product Datasheet

## Anti-Brevican Antibody FL594 Conjugate



## Overview

<b>Catalog #</b>	75-281-FL594
<b>Conjugate</b>	FL594 Ex: 594 nm, Em: 615 nm
<b>Isotype</b>	IgG2b
<b>Clone Number</b>	N294A/6
<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 219-655 of rat Brevican (accession number P55068) produced recombinantly in E. Coli
<b>Molecular Weight</b>	140 kDa (and smaller due to proteolytic cleavage)
<b>Cite this Antibody</b>	Antibodies Inc Cat# 75-281-FL594, RRID: AB_2940002

## Details

<b>Target Description</b>	Brevican core protein, Chondroitin sulfate proteoglycan 7 or Brain-enriched hyaluronan-binding protein is encoded by the gene BCAN and is a member of the lectican family of chondroitin sulfate proteoglycans. Brevican is involved in the development and formation of the brain extracellular matrix and may be involved in malignancy of brain tumor cells. Brevican is developmentally regulated and specifically expressed in the central nervous system. Diseases associated with this gene include Low-Grade Astrocytoma.
<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 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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