

Product Datasheet

Anti-Brevican Antibody FL550 Conjugate



Overview

Catalog #	75-281-FL550
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG2b
Clone Number	N294A/6
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 219-655 of rat Brevican (accession number P55068) produced recombinantly in E. Coli
Molecular Weight	140 kDa (and smaller due to proteolytic cleavage)
Cite this Antibody	Antibodies Inc Cat# 75-281-FL550, RRID: AB_2940001

Details

Target Description	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.
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 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.

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