

# Brevican Monoclonal Antibody (N294A/6), FITC

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	N294A/6
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Immunogen	Fusion protein amino acids 219-655 of rat Brevican
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	9.44mM PBS/9.1mM sodium bicarbonate, pH 7.4, with 581mM DMSO, 123mM ethanolamine
Contains	no preservative
Storage conditions	4° C, store in dark

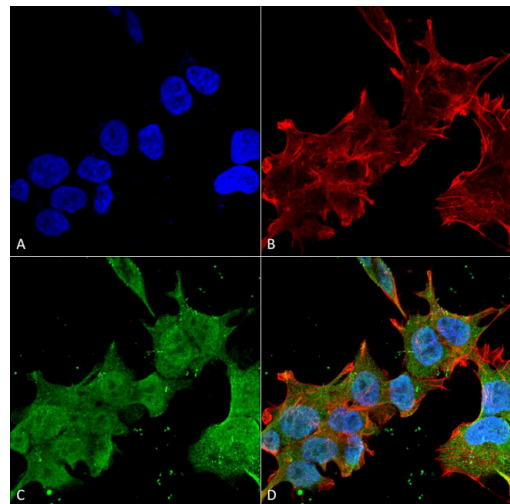
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	Assay-dependent	-

## Product Specific Information

1 µg/mL of MA5-45597 was sufficient for detection of Brevican in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects approximately 140kDa (and smaller due to proteolytic cleavage).

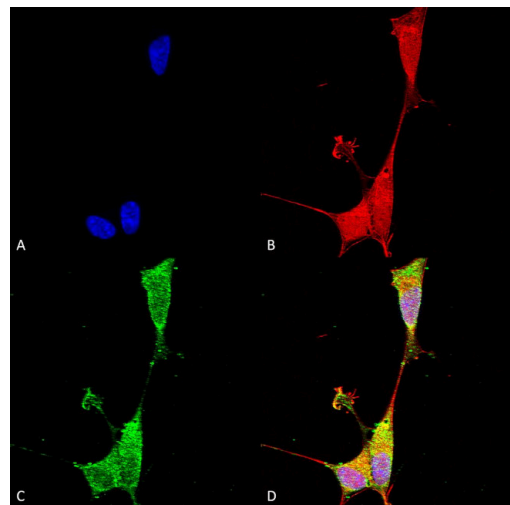
This antibody was formerly sold as clone S294A-6.

Product Images For Brevican Monoclonal Antibody (N294A/6), FITC



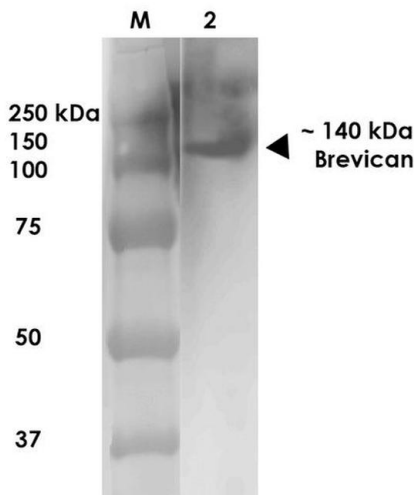
**Brevican Antibody (MA5-45597) in ICC/IF**

Immunocytochemistry/Immunofluorescence analysis using human neuroblastoma cells. Fixation involved 4% Formaldehyde for 15 min at RT. Samples were incubated with Brevican monoclonal antibody (Product # MA5-45597) at 1:100 for 60 min at RT, followed by Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain used was Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1,000, 1:5,000 for 60 min RT, 5 min RT. Localization: Cell Membrane, Nucleus. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Brevican antibody. (D) Composite.



**Brevican Antibody (MA5-45597) in ICC/IF**

Immunocytochemistry/Immunofluorescence analysis using human neuroblastoma cells. Fixation involved 4% PFA for 15 min. Samples were incubated with Brevican monoclonal antibody (Product # MA5-45597) at 1:100 for overnight at 4°C with slow rocking, followed by AlexaFluor 488 at 1:1,000 for 1 hour at RT. Counterstain used was Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) Brevican antibody (D) Composite.



**Brevican Antibody (MA5-45597) in WB**

Western Blot analysis of Rat Brain Membrane showing detection of ~140 kDa Brevican protein. Lane 1: MW Ladder. Lane 2: Rat Brain Membrane (10 µg). Load: 10 µg. Blocking: 5% milk. Samples were incubated with Brevican monoclonal antibody (Product # MA5-45597) at 1:1,000 for 1 hour at RT, followed by Goat Anti-Mouse IgG: HRP at 1:200 for 1 hour at RT. Color Development: TMB solution for 10 min at RT. Predicted/Observed Size: ~140 kDa.

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