

Monoclonal Antibody to Axonal Growth Cones - Purified

Alternate names:	Growth Cone Marker
Catalog No.:	AM00333PU-N
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	CDA1
Format:	Purification: Protein G chromatography Buffer System: 10 mM PBS, pH 7.4, with 0.2 % BSA and 0.09 % sodium azide.
Applications:	Immunohistology on formalin fixed, paraffin embedded tissue sections (4-8 µg/ml for 30 min at RT). Staining of formalin-fixed tissues REQUIRES boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. Positive Control: Brain. Has also been reported for use in Flow Cytometry and Immunofluorescence. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Axonal Growth Cones. Cellular Localization: Cytoplasmic. Species: Human. Other species not tested.
Storage:	Store the antibody at 2 - 8 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Pictures:	Formalin-fixed, paraffin-embedded human brain stained with Axonal Growth Cones (AM00333PU-N) using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of neurons. 