
Monoclonal Antibody To Chicken Axonin-1

Marker for a Neuronal Glycoprotein also known as Contactin-2 or TAG-1

Monoclonal antibody X9A9 recognizes axonin-1 or contactin-2, an axon-associated cell adhesion molecule that is attached to the neuronal membrane by a GPI-anchor. Axonin-1 is a cell adhesion molecule of the immunoglobulin superfamily that was shown to be an axon guidance cue in the central nervous system *in vivo*. Secreted axonin-1, which is structurally highly similar to membrane-bound axonin-1, is not derived from the cell surface but directly from an internal pool.

Axonin-1 contains 6 immunoglobulin-like domains and 4 fibronectin type-III domains.

Product number: T-3301

Clone: X9A9

Lot: 01PO1003

TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species, subclass:	Mouse IgG2a kappa
Quantity:	200µg
Format:	Affinity purified, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.05% Kathon as a preservative.
Stability:	Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing
Applications:	Tested for immunohistochemistry (IHC) Approximate working dilution for IHC: Frozen sections: 1µg/ml (1:400) Paraffin sections: not tested Optimal dilutions should be determined by the end user. Suggested positive control: chicken embryo Please see www.bma.ch for protocols and general information.
Immunogen:	Purified secreted axonin-1
Antigen, epitope:	The epitope lies in the third fibronectin type-III domain.
Antigen distribution:	Tissue sections: retina, developing neurons
Specificity:	Chicken axonin-1
Other species:	not yet tested

Selected reference:

Zuellig R.A. et al.: The axonally secreted cell adhesion molecule, axonin-1. Eur. J. Biochem. 204, 453-463 (1992).

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.