

Astrocyte Monoclonal Antibody (ASTRO1 (10E4/R5))

Catalog NumberMA1-91360

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human
Host/Isotope	Mouse / IgM	Tested ApplicationsDilution *	
Class	Monoclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	1:1,000
Clone	ASTRO1 (10E4/R5)	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Proprietary immunogen.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.2 mg/mL		
Purification	Protein A		
Storage buffer	10mM PBS, pH 7.4, with 0.2% BSA		
Contains	0.1% sodium azide		
Storage Conditions	4° C, do not freeze		

Product specific information

MA1-91360 detects Astrocyte from human samples.

Background/Target Information

Astrocytes are a type of glial cell found in the brain and spinal cord. They hold various roles, primarily supporting neurons. They are the most abundant glial cells in the brain and closely associate with neuronal synapses, regulating the transmission of electrical impulses. Astrocytes function in the biochemical support of endothelial cells that form the blood-brain barrier, provide nutrients to nervous tissue, maintain the extracellular ion balance, and play a role in the repair and scarring process of the brain and spinal cord following traumatic injuries.

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