

10-3561: Monoclonal Antibody to Punctin-1 (clone: 1B2-8-2)(Discontinued)

Clonality :	Monoclonal
Clone Name :	1B2-8-2
Application :	ELISA, WB
Reactivity :	Human
Gene :	ADAMTSL1
Gene ID :	92949
Uniprot ID :	Q8N6G6
Alternative Name :	ADAMTSR1, C9orf94
Isotype :	Mouse IgG2b
Immunogen Information :	thrombospondin repeat near the N-terminal

Description

Monoclonal antibody 1B2-8-2 reacts with Punctin-1 (ADAMTSL-1). Punctin-1 is a secreted molecule resembling members of the family of proteases designated ADAMTS (a disintegrin-like and metalloprotease domain with thrombospondin type I motif). ADAMTS proteases are secreted enzymes that consist of a metalloprotease domain (which provides the catalytic activity) and ancillary domains (which provide substrate, cell or extracellular matrix activity). Punctin-1 lacks the pro-metalloprotease and the disintegrin-like domain typical of this family but contains other ADAMTS domains in precise order including 4 thrombospondin-I repeats. Punctin-1 is an extracellular matrix protein in tissues and deposited into the cell substratum and localized towards the periphery of transfected cells. Punctin-1 and Punctin-2 (ADAMTSL-3) are the first members of a novel family of ADAMTS-like proteins that appear to have important functions in the extracellular matrix. Monoclonal antibody 1B2-8-2 recognizes the first thrombospondin repeat near the N-terminal and reacts with molecular species of 55 kDa or a doublet of 55 kDa and 60 kDa (glycosylated form). Note that proteolysis of Punctin-1 has been described and additional smaller bands may also be obtained.

Product Info

Amount :	2)(Discontinued) / 500 µg
Content :	0.2 µm filtered antibody solution in PBS containing 0.1% bovine serum albumin and 0.02% sodium azide.
Storage condition :	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.