

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	1B2-8-2
<b>Application :</b>	ELISA,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	ADAMTSL1
<b>Gene ID :</b>	92949
<b>Uniprot ID :</b>	Q8N6G6
<b>Alternative Name :</b>	ADAMTSR1, C9orf94
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	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 k Da and 60 kDa (glycosylated form). Note that proteolysis of Punctin-1 has been described and additional smaller bands may also be obtained.

### Product Info

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