



# Mouse anti-Human CNTN4 monoclonal antibody, clone 5C21 (CABT-B10002)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	CNTN4 (NP_783200, 800 a.a. ~ 899 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5C21
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IF,sELISA,ELISA
<b>Sequence Similarities</b>	EPTKPPASIFARSLSATDIEVFWASPLEKNRGRIQGYEVKYWRHEDKEENARKIRTVGNQ TSTKITNLKGSVLYHLAVKAYNSAGTGPSSATVNVTTTRK*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the contactin family of immunoglobulins. Contactins are axon-associated cell adhesion molecules that function in neuronal network formation and plasticity.
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The encoded protein is a glycosylphosphatidylinositol-anchored neuronal membrane protein that may play a role in the formation of axon connections in the developing nervous system. Deletion or mutation of this gene may play a role in 3p deletion syndrome and autism spectrum disorders. Alternative splicing results in multiple transcript variants. Mouse monoclonal antibody raised against a partial recombinant CNTN4.

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<b>Keywords</b>	CNTN4; contactin 4; Axcam; Big-2; contactin-4; axonal-associated cell adhesion molecule; brain-derived immunoglobulin superfamily protein 2;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">152330</a>
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<b>UniProt ID</b>	<a href="#">Q8IWV2</a>
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<b>Function</b>	protein binding
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