



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

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

BACKGROUND

Introduction	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.

Keywords	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

Entrez Gene ID [152330](#)

UniProt ID [Q8IWV2](#)

Function protein binding
