



# Mouse anti-Human CRTAC1 monoclonal antibody, clone 866426 (CABT-B9402)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human CRTAC1 Ser28-Cys661
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	866426
<b>Purification</b>	Protein A/G
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC, IF
<b>Format</b>	Lyophilized
<b>Concentration</b>	0.2 mg/ml
<b>Size</b>	100 µg
<b>Buffer</b>	PBS with 5% trehalose
<b>Preservative</b>	no preservative
<b>Storage</b>	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

**Introduction**

This gene encodes a glycosylated extracellular matrix protein that is found in the interterritorial matrix of articular deep zone cartilage. This protein is used as a marker to distinguish chondrocytes from osteoblasts and mesenchymal stem cells in culture. The presence of FG-GAP motifs and an RGD integrin-binding motif suggests that this protein may be involved in cell-cell or cell-matrix interactions. Copy number alterations in this gene have been observed in neurofibromatosis type 1-associated glomus tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

**Keywords**

CRTAC1; cartilage acidic protein 1; ASPIC; ASPIC1; CEP-68; acidic secreted protein in cartilage; chondrocyte expressed protein 68 kDa CEP-68;

## GENE INFORMATION

**Entrez Gene ID**

[55118](#)

**UniProt ID**

[Q9NQ79](#)