



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

Immunogen	Mouse myeloma cell line NS0-derived recombinant human CRTAC1 Ser28-Cys661
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	866426
Purification	Protein A/G
Conjugate	Unconjugated
Applications	ICC, IF
Format	Lyophilized
Concentration	0.2 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-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](#)