



Mouse anti-Human ICA1 monoclonal antibody, clone 7H22 (CABT-B10442)

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

PRODUCT INFORMATION

Immunogen	ICA1 (NP_071682, 1 a.a. ~ 111 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	7H22
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MSGHKCSYPWDLQDRYAQDKSVVNKMQQKYWETKQAFIKATGKKEDHHVVASDADLDAKL ELFHSIQRTCLDLSKAIVLYQKRICFLSQEENELGKFLRSQGFQDKTRAG*
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 protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This
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protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogrens syndrome. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]

Keywords	ICA1; islet cell autoantigen 1, 69kDa; ICA69; ICAp69; islet cell autoantigen 1; p69; islet cell autoantigen p69; 69 kDa islet cell autoantigen; islet cell autoantigen 1 isoform; diabetes mellitus type I autoantigen;
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GENE INFORMATION

Entrez Gene ID	3382
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UniProt ID	Q05084
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Pathway	Type I diabetes mellitus, organism-specific biosystem; Type I diabetes mellitus, conserved biosystem
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Function	molecular_function; protein binding; protein domain specific binding
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