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Datasheet for ABIN190840

anti-Carabin antibody (Internal Region)

4 Images

Overview

Quantity:	100 µg
Target:	Carabin (TBC1D10C)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Carabin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Carabin / TBC1D10C
Immunogen:	Peptide with sequence C-PRRKQPTRGKTFH, from the internal region of the protein sequence according to NP_940919.1.
Sequence:	PRRKQPTRGK TFH
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

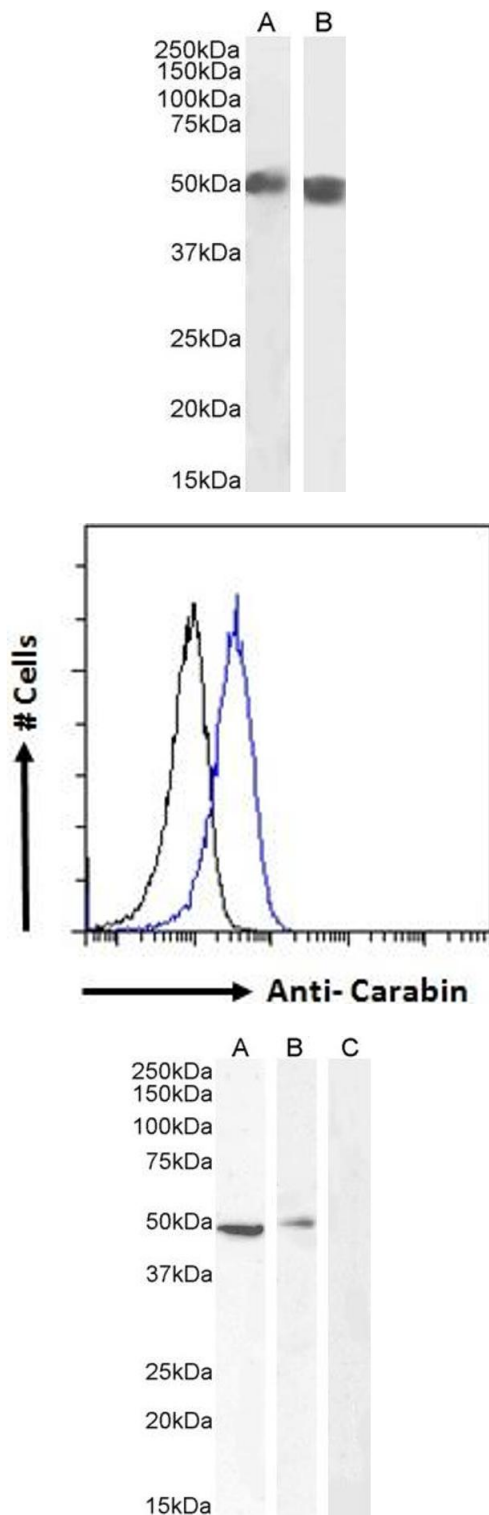
Target:	Carabin (TBC1D10C)
Alternative Name:	TBC1D10C (TBC1D10C Products)
Background:	TBC1D10C, carabin, TBC1 domain family, member 10C, FLJ00332, MGC46488
Gene ID:	374403, 108995
NCBI Accession:	NP_940919

Application Details

Application Notes:	Western Blot: Approx 48-50 kDa band observed in lysates of cell line Jurkat and in Mouse Thymus lysates and approx 50 kDa in Peripheral Blood Mononuclear (PBM) and in Human Spleen lysates (calculated MW of 49.7Da according to Human NP_940919.1 and 49.9 kDa Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN190840 (2 μ g/ml) staining of Human Spleen (A) and Mouse Thymus (B) lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

Flow Cytometry

Image 2. ABIN190840 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 μ g/ml) followed by Alexa Fluor 488 secondary antibody (1 μ g/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Western Blotting

Image 3. ABIN190840 (0.5 μ g/ml) staining of Jurkat (A), (0.3 μ g/ml) PBM (B) and negative control A431 (C) cell lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN190840.