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Datasheet for ABIN185063

anti-Coronin 1a antibody (C-Term)

7 Images

1 Publication

Overview

Quantity:	100 µg
Target:	Coronin 1a (CORO1A)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Coronin 1a antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Coronin 1 / TACO
Immunogen:	Peptide with sequence C-KRLDRLEETVQAK, from the C Terminus of the protein sequence according to NP_009005.1.
Sequence:	KRLDRLEETV QAK
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Coronin 1a (CORO1A)
Alternative Name:	CORO1A (CORO1A Products)
Background:	CORO1A, Coronin 1, TACO, p57, CLABP, HCORO1, CLIPINA, Clabp TACO, coronin, actin binding protein, 1A, coronin-1, coronin, actin-binding, 1A, coronin, actin-binding protein, 1A, FLJ41407, MGC117380,
Gene ID:	11151, 12721, 155151
NCBI Accession:	NP_009005
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Spleen and Small Intestine. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 60 kDa band observed in lysates of cell lines Daudi, Jurkat and MOLT4 and approx. 55 kDa in Human Lymph node and Spleen lysates (calculated MW of 51.0 kDa according to Human NP_009005.1). These molecular weights are routinely observed Peptide ELISA: antibody detection limit dilution 1:16000.
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

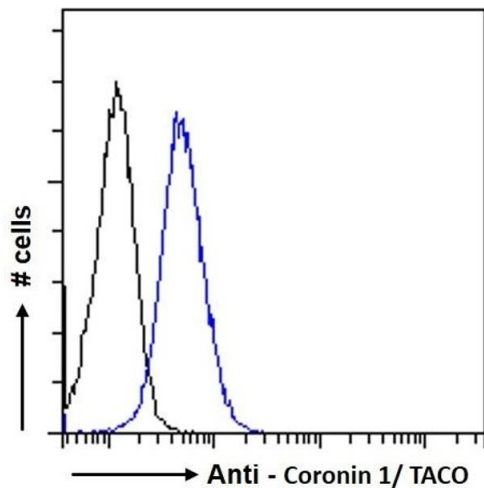
Handling

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.

Publications

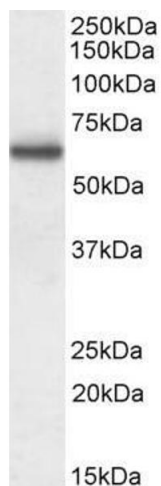
Product cited in: Honoré, Buus, Claësson: "Identification of differentially expressed proteins in spontaneous thymic lymphomas from knockout mice with deletion of p53." in: **Proteome science**, Vol. 6, pp. 18, (2008) ([PubMed](#)).

Images



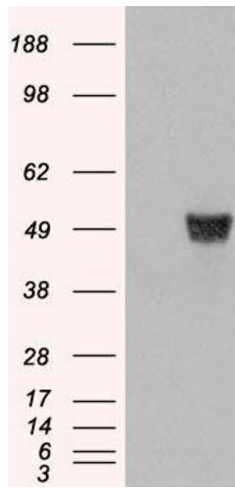
Flow Cytometry

Image 1. ABIN185063 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) f



Western Blotting

Image 2. ABIN185063 (0.3µg/ml) staining of Human Lymphoblastoid (RIPA buffer, (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. HEK293 overexpressing CORO1A (RC210753) and probed with Antibody (mock transfection in first lane).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN185063.