

Datasheet for ABIN1049505
anti-CD34 antibody (C-Term)



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4 Images

Overview

Quantity:	100 µg
Target:	CD34
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD34 antibody is un-conjugated
Application:	Immunofluorescence (IF), ELISA

Product Details

Purpose:	CD34-T
Immunogen:	Peptide with sequence C-SPTGERLELEP, from the of the protein sequence according to NP_001764.1.
Sequence:	SPTGERLELE P
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform CD34-T (NP_001020280.1) only.
Cross-Reactivity:	Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

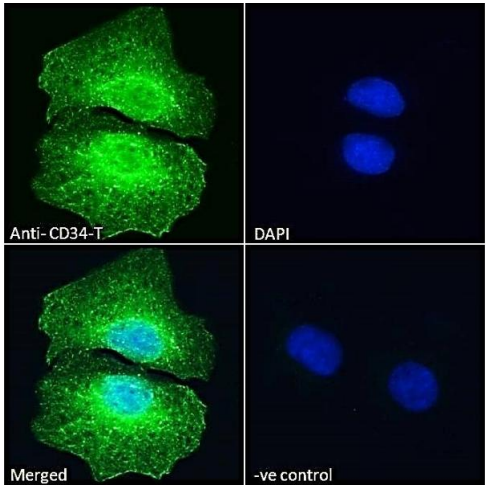
Target:	CD34
Alternative Name:	CD34 (CD34 Products)
Background:	CD34, CD34 Molecule, CD34 antigen, OTTHUMP00000034733, OTTHUMP00000034734, hematopoietic progenitor cell antigen CD34, CD34-T
Gene ID:	947, 12490
NCBI Accession:	NP_001764

Application Details

Application Notes:	Western Blot: Preliminary testing showed bands at approx 85+90 kDa in Human Peripheral Blood Mononucleocytes lysate (calculated MW of 35.0 kDa according to NP_001764.1). The observed MW correspond to glycosylated forms, routinely observed by other sources. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the plasma membranes and nuclei of Jurkat and U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: A customer reported weak staining of Jurkat cel
Restrictions:	For Research Use only

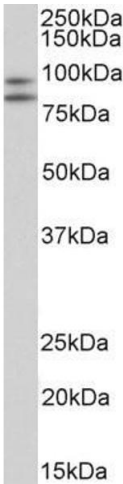
Handling

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.



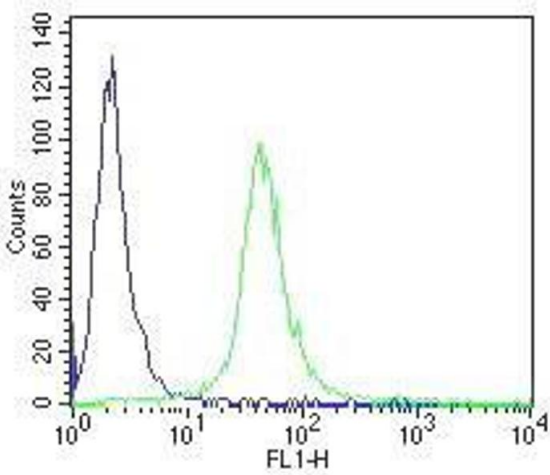
Immunofluorescence

Image 1. ABIN1049505 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing plasma membrane, nuclear and cytoplasmic staining.



Western Blotting

Image 2. ABIN1049505 (2µg/ml) staining of Peripheral Blood Lymphocytes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Flow Cytometry

Image 3. Flow Cytometry analysis of paraformaldehyde fixed Jurkat using ABIN1049505 at 10ug/ml in green and negative control goat IgG at 0.1mg/ml in blue. Detected by Alexa Fluor®488. This data is from a previous batch, not on sale.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1049505.