

Datasheet for ABIN651635

anti-EpCAM antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 57-85, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This EpCAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-85 amino acids from the N-terminal region of human EpCAM.
Clone:	RB20737
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	EpCAM is a carcinoma-associated antigen and is a member of a family that includes at least

Target Details

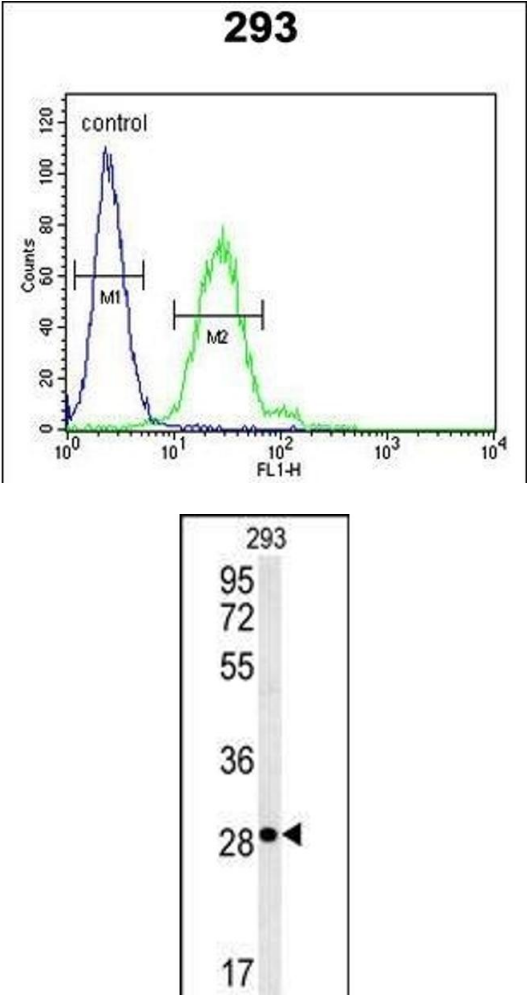
	two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas.
Molecular Weight:	34932
Gene ID:	4072
NCBI Accession:	NP_002345
UniProt:	P16422

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. EpC Antibody (N-term) (ABIN651635 and ABIN2840340) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. EpC Antibody (N-term) (ABIN651635 and ABIN2840340) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the EpC antibody detected the EpC protein (arrow).