

Datasheet for ABIN3030858
anti-EpCAM antibody (AA 57-85)



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Overview

Quantity:	0.4 mL
Target:	EpCAM (EPCAM)
Binding Specificity:	AA 57-85
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EpCAM antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	A portion of amino acids 57-85 from the human protein was used as the immunogen for this anti-EpCAM antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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 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

Target Details

	molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas.
UniProt:	P16422

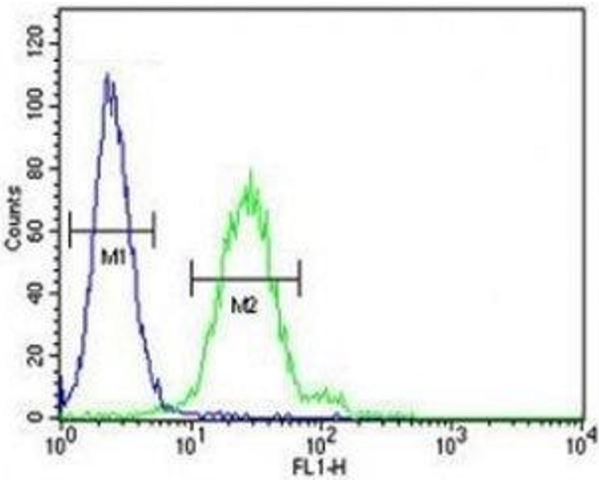
Application Details

Application Notes:	Titration of the anti-EpCAM antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

Handling

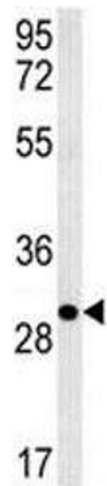
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the anti-EpCAM antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



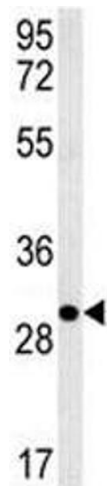
Flow Cytometry

Image 1. Anti-EpCAM antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Anti-EpCAM antibody western blot analysis in 293 lysate



Western Blotting

Image 3. Anti-EpCAM antibody western blot analysis in 293 lysate