

Datasheet for ABIN3030244

anti-E-cadherin antibody (AA 833-862)**5** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 833-862
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	A portion of amino acids 833-862 from the human protein was used as the immunogen for this anti-E Cadherin antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E Cadherin (CDH1 Products)
Background:	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus contribute to the sorting of heterogeneous cell types. E Cadherin is involved in mechanisms regulating cell-cell

Target Details

adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7. [UniProt]

UniProt:	P12830
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

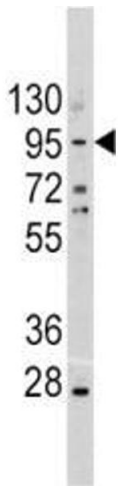
Application Details

Application Notes:	Titration of the anti-E Cadherin 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

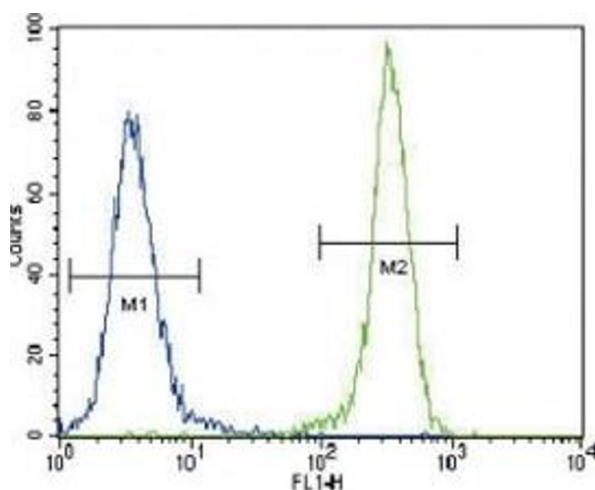
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the anti-E Cadherin antibody and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

Images



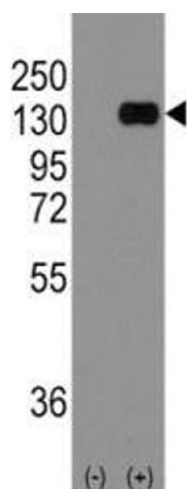
Western Blotting

Image 1. Western blot analysis of anti-E Cadherin antibody and A375 lysate



Flow Cytometry

Image 2. Anti-E Cadherin 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 3. Western blot analysis of anti-E Cadherin antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH1 gene (2).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030244.