

Datasheet for ABIN3030243

anti-E-cadherin antibody (AA 160-189)

5 Images

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Overview

Quantity:	0.4 mL
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 160-189
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 160-189 from the human protein was used as the immunogen for this E Cadherin antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E Cadherin (CDH1 Products)
Background:	CDH1 is a classical cadherin from the cadherin superfamily. This protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations are correlated with

Target Details

gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization.

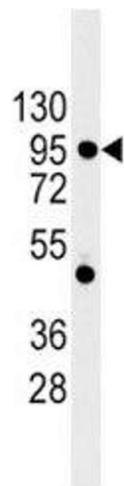
UniProt:	P12830
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	Titration of the 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

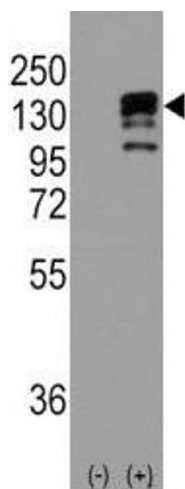
Handling

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 E Cadherin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



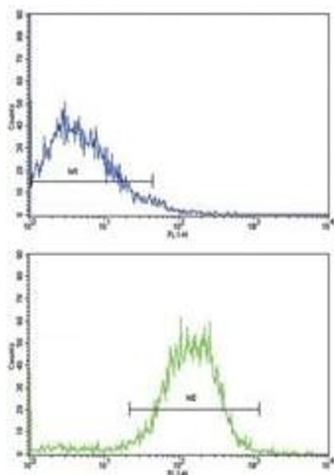
Western Blotting

Image 1. Western blot analysis of E Cadherin antibody and 293 lysate



Western Blotting

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



Flow Cytometry

Image 3. Flow cytometric analysis of NCI-H292 cells using E Cadherin antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030243.