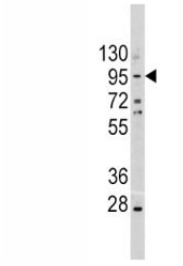
Anti-E Cadherin Antibody (F44157)

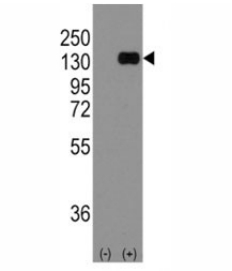
Catalog No.	Formulation	Size
F44157-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44157-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

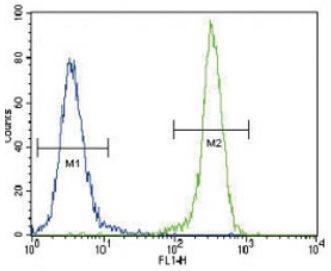
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P12830
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This anti-E Cadherin antibody is available for research use only.



Western blot analysis of anti-E Cadherin antibody and A375 lysate. Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on gylcosylation level).



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). Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on gylcosylation level).



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.

Description

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

Application Notes

Titration of the anti-E Cadherin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 833-862 from the human protein was used as the immunogen for this anti-E Cadherin antibody.

Storage

Aliquot the anti-E Cadherin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com