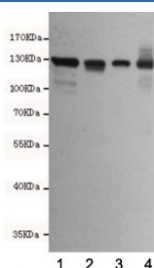


## E-Cadherin Antibody [clone 6B10-F4-G10] (F54046)

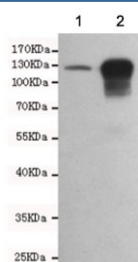
Catalog No.	Formulation	Size
F54046-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1
<b>Clone Name</b>	6B10-F4-G10
<b>Purity</b>	Protein G affinity
<b>UniProt</b>	P12830
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This E-Cadherin antibody is available for research use only.



Western blot testing of human 1) T47D, 2) HCT116, 3) MDA-MB-468 and 4) Caco-2 cell lysates using E-Cadherin antibody at 1:2000. Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).



Western blot testing of 1) mouse embryo and 2) human HCT116 cell lysates using E-Cadherin antibody. Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).

## 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. CDH1 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

The stated application concentrations are suggested starting points. Titration of the E-Cadherin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Storage

Store the E-Cadherin antibody at -20oC.