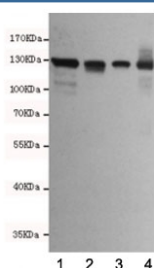


E-Cadherin Antibody [clone 6B10-F4-G10] (F54046)

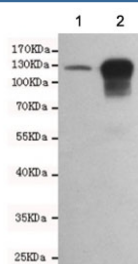
Catalog No.	Formulation	Size
F54046-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	6B10-F4-G10
Purity	Protein G affinity
UniProt	P12830
Applications	Western Blot : 1:1000
Limitations	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.