

E-Cadherin (6B10) Mouse mAb

db6304

Package : 50µL 100µL

Product Name : E-Cadherin (6B10) Mouse mAb**Cat.No.:** db6304**Synonyms** : CDH1; CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD antigen CD324**Application** : WB, IHC-P**Reactivity** : Human, Mouse**Host species** : Mouse**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. 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. E-Cad/CTF2 promotes non-amyloidogenic degradation of Abeta precursors. Has a strong inhibitory effect on APP C99 and C83 production.

Immunogen

A synthesized peptide derived from human E-Cadherin

Gene ID

999

Swiss Prot

P12830

Synonyms

CDH1; CDHE; UVO; Cadherin-1; CAM 120/80; Epithelial cadherin; E-cadherin; Uvomorulin; CD antigen CD324

Reactivity

Human, Mouse

Application

WB, IHC-P

Recommended dilution

WB: 1:500-1:1000
IHC: 1:50-1:100

Calculated MW

97 kDa

Observed MW

135 kDa

Host species

Mouse

Clonality

Monoclonal

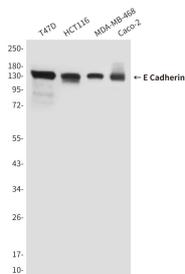
Clonality No.

6B10-F4-G10

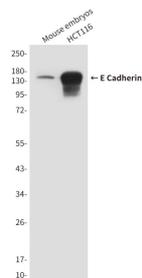
Isotype

IgG1

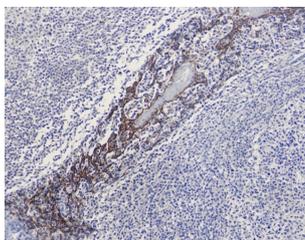
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of E-Cadherin in T47D, HCT116, MDA-MB-468 and Caco2 lysates using E-Cadherin antibody.



Western blot analysis of E-Cadherin (6B10) in mouse embryos and HCT116 lysates using E-Cadherin antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsils using E-Cadherin (6B1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.