

10-11542: Mouse Monoclonal Antibody to E-Cadherin(Clone : DBM15.49)(Discontinued)

Clonality :	Monoclonal
Clone Name :	DBM15.49
Application :	IHC
Reactivity :	Human
Gene :	CDH1
Gene ID :	999
Uniprot ID :	P12830
Format :	Purified
Isotype :	Mouse IgG, kappa
Immunogen Information :	Recombinant human E-Cadherin protein.

Description

This antibody recognizes a protein of 120-80kDa, identified as E-cadherin. Cadherins comprise a family of Ca²⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH₂ terminal repeats. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as β -catenin, to regulate cadherin function. E-cadherin plays an important role in epithelial cell adhesion. A decreased expression of E-cadherin is associated with metastatic potential and poor prognosis in breast cancer, prostate and esophageal cancer. In combination with p120 Catenin, it is useful for the differentiation between ductal (E-cadherin +) and lobular (E-cadherin -) breast carcinomas. It may also help in diagnosis of mesothelioma.

Product Info

Amount :	0.5 ml
Content :	This product is supplied as a purified immunoglobulin and contains sodium azide as a preservative.
Storage condition :	Store at 2-8°C.

Application Note

IHC : 1:50-1:100

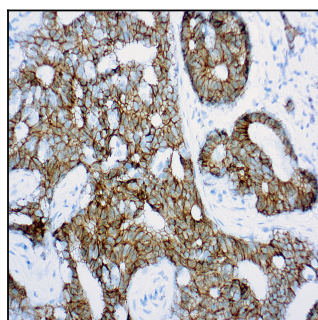


Figure 1 : FFPE Human Breast Carcinoma Stained With E-Cadherin