

产品说明书

E-Cadherin

货号: HL41478

产品名称	E-Cadherin
来源宿主	Rabbit
反应种属	Human Mouse Rat
克隆类型	Rabbit monoclonal
克隆号	P802
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
浓度	0.5mg/ml
存储溶液	PBS (pH7.4),0.05% BSA,40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.
应用	WB,IHC-P,mIHC,IF
使用方法	WB 1:2000-1:20000;IHC-P 1:500-1:2000;mIHC 1:500-1:2000;IF 1:50-1:200
有效期	one year
别名	Cadherin-1, CAM 120/80, Epithelial cadherin, Uvomorulin, CD324, Uvomorulin, L-CAM
免疫原	Recombinant Protein
SwissProt	P12830
细胞定位	Cell junction, Cell membrane, Endosome, Golgi apparatus.
分子量	Predicted band size: 97 kDa
产品介绍	E-cadherin is a transmembrane glycoprotein which connects epithelial cells together at adherens junctions. In normal cells, E-cadherin exerts its tumour suppressing role mainly by sequestering β -catenin from its binding to LEF (Lymphoid enhancer factor)/TCF (T cell factor) which serves the function of transcribing genes of the proliferative Wnt signaling pathway. Despite the ongoing debate on whether the loss of E-cadherin is the cause or effect of epithelial-mesenchymal transition (EMT), E-cadherin functional loss has frequently been associated with poor prognosis and survival in patients of various cancers. The dysregulation of E-cadherin expression that leads to carcinogenesis happens mostly at the epigenetic level but there are cases of genetic alterations as well. E-cadherin expression has been linked to the cellular functions of invasiveness reduction, growth inhibition, apoptosis, cell cycle arrest and differentiation.

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