Elabscience®

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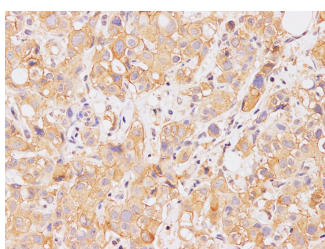## E-Cadherin Polyclonal Antibody

Catalog No.	E-AB-40285	**Reactivity**	H
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	IHC	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
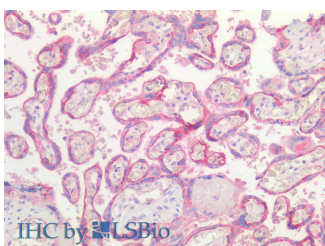
Images
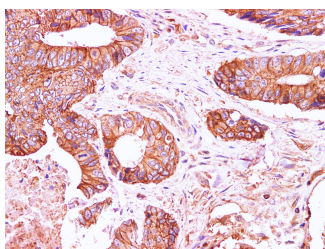
Immunohistochemistry of paraffin-embedded Human carcinoma of Colon using E-Cadherin Polyclonal Antibody at dilution of 1:100

Immunohistochemistry of paraffin-embedded Human breast cancer using E-Cadherin Polyclonal Antibody at dilution of 1:100

Immunohistochemistry of paraffin-embedded Human Placenta using E-Cadherin Polyclonal Antibody at dilution of 1:100(Elabscience® Product Detected by Lifespan).

Immunogen Information

Immunogen	Recombinant Human Cadherin-1 protein
GeneID	999
Swissprot	P12830
Synonyms	Arc 1,CADH1,Cadherin 1,LCAM,Liver cell adhesion molecule,UVO,Uvomorulin

Product Information

Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	IHC 1:100-1:400

Background

This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites.