

Anti-H Cadherin Antibody (2P227)

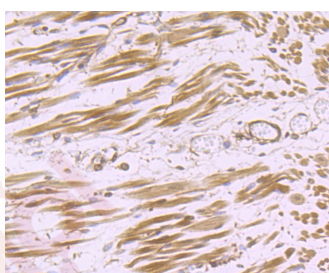
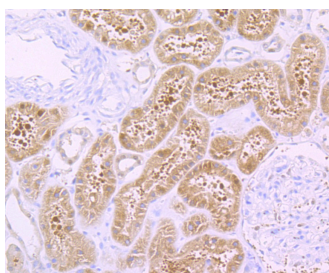
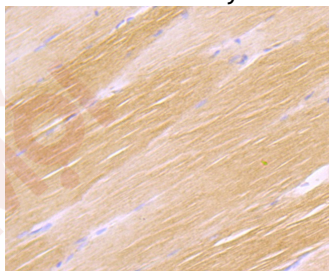
Product Details

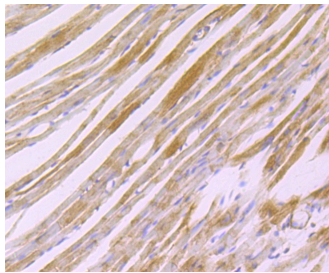
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 78 kDa.
Clone:	2P227
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded mouse heart tissue using anti-H Cadherin antibody. Counter stained with hematoxylin.





Application: IHC,WB

Recommended IHC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human H Cadherin aa 1-200

Antigen Species: Human

Uniprot ID: P55290

Synonyms: cadherin 13

Research Background

Cadherins comprise a family of Ca⁺⁺-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogen-esis. Cadherins each contain a large extracellular domains characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as β -catenin, to regulate cadherin function. T-cadherin (for truncated-cadherin), also designated heart-cadherin or cadherin-13) expression levels have been shown to be reduced in human breast cancers and carcinoma cell lines. Evidence suggests that decreased levels of T-cadherin indicate a progression in breast malignancies.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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