

Recombinant K-Cadherin Antibody / Cadherin 6 / CDH6 [clone CDH6/9300R] (V5566)

Catalog No.	Formulation	Size
V5566-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5566-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5566SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDH6/9300R
Purity	Protein A/G affinity
UniProt	P55285
Localization	Cytoplasm, Cell membrane
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant K-Cadherin antibody is available for research use only.



Description

This gene encodes a type II classical cadherin from the cadherin superfamily. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein composed of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Cadherins mediate cell-cell binding in a homophilic manner, contributing

to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. Strong transcriptional expression of this gene has been observed in hepatocellular and renal carcinoma cell lines, suggesting a possible role in metastasis and invasion. This protein may play a role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis.

Application Notes

Optimal dilution of the recombinant K-Cadherin antibody should be determined by the researcher.

Immunogen

Recombinant human Cadherin 6 protein (CDH6) was used as the immunogen for the recombinant K-Cadherin antibody.

Storage

Aliquot the recombinant K-Cadherin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.