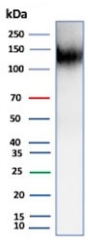
Recombinant Cadherin 16 Antibody [clone CDH16/9611R] (V5384)

Catalog No.	Formulation	Size
V5384-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5384-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5384SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

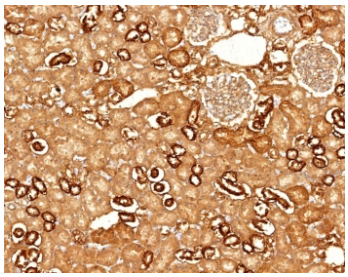
Recombinant RABBIT MONOCLONAL

Bulk quote request

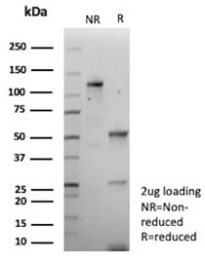
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDH16/9611R
Purity	Protein A/G affinity
UniProt	O75309
Localization	Cell Surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Western Blot : 2-4ug/ml
Limitations	This recombinant Cadherin 16 antibody is available for research use only.



Western blot testing of human kidney tissue lysate using recombinant Cadherin 16 antibody (clone CDH16/9611R).



IHC staining of FFPE human breast cancer tissue with recombinant Cadherin 16 antibody (clone CDH16/9611R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant Cadherin 16 antibody (clone CDH16/9611R) as confirmation of integrity and purity.

Description

This MAb recognizes a protein of 130kDa, identified as Ksp-cadherin. Cadherins form a superfamily of related glycoproteins that mediate calcium-dependent cell adhesion and transmit signals from the extracellular matrix to the cytoplasm. Cadherins have been implicated in embryogenesis, tissue morphogenesis, tissue structure maintenance, cell polarization, neoplastic invasiveness and metastasis, and membrane transport. It is suggested that Ksp-cadherin is a marker for terminal differentiation of the basolateral membranes of renal tubular epithelial cells. Within the kidney, Ksp-Cadherin is found exclusively in the basolateral membrane of renal tubular epithelial cells and collecting duct cells, and not in glomeruli, renal interstitial cells, or blood vessels. ?Ksp-Cadherin has been suggested to distinguish Chromophobe Renal-Cell Carcinoma from Oncocytoma.

Application Notes

Optimal dilution of the recombinant Cadherin 16 antibody should be determined by the researcher.

Immunogen

A recombinant fragment (within amino acids 350-550) of human CDH16 protein was used as the immunogen for the recombinant Cadherin 16 antibody.

Storage

Aliquot the recombinant Cadherin 16 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com