

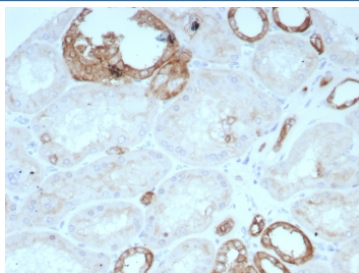
OCN Antibody / Occludin [clone rOCN/8776] (V5087)

Catalog No.	Formulation	Size
V5087-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5087-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5087SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

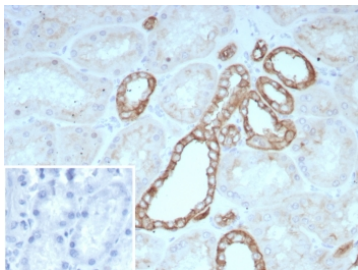
Recombinant **MOUSE MONOCLONAL**

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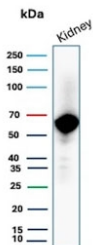
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Name	rOCN/8776
Purity	Protein A/G affinity
UniProt	Q16625
Localization	Cell Surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 2-4ug/ml
Limitations	This OCN antibody is available for research use only.



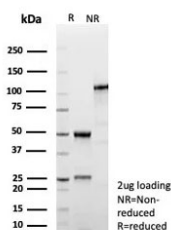
IHC staining of FFPE human kidney tissue with OCN antibody (clone rOCN/8776).
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human kidney tissue with OCLN antibody (clone rOCLN/8776). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Western blot testing of human kidney tissue lysate with OCLN antibody (clone rOCLN/8776). Predicted molecular weight ~59 kDa.



SDS-PAGE analysis of purified, BSA-free OCLN antibody (clone rOCLN/8776) as confirmation of integrity and purity.

Description

Occludin/OCLN is a tetraspan integral membrane protein in epithelial and endothelial tight junction (TJ) structures that can contain two extracellular loops. The protein exists in a variety of phosphorylated forms. Phosphorylation is involved in regulating both the localization and the function of Occludin.

Application Notes

Optimal dilution of the OCLN antibody should be determined by the researcher.

Immunogen

A recombinant human protein fragment (within amino acids 282-415) was used as the immunogen for the OCLN antibody.

Storage

Aliquot the OCLN antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.