

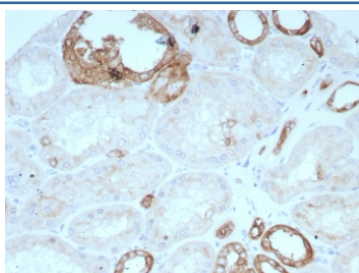
## OCN Antibody / Occludin [clone rOCN/8776] (V5087)

| 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 |

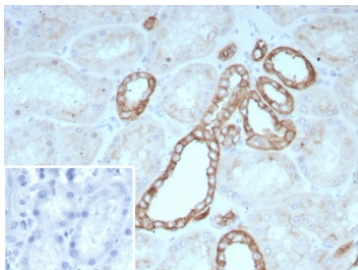
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

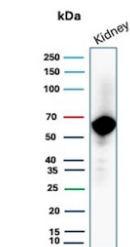
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Clonality</b>          | Recombinant Mouse Monoclonal   |
| <b>Isotype</b>            | Mouse IgG2b,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



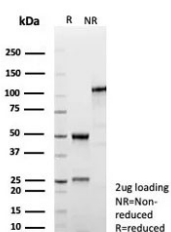
IHC staining of FFPE human kidney tissue with OCN antibody (clone rOCN/8776).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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 -20oC or colder. Avoid repeated freeze-thaw cycles.

