Catalog # 100506658-MSM8
Product Datasheet

Recombinant Occludin (Marker of Early Blood Brain Barrier Damage) Antibody

Mouse Monoclonal Antibody [Clone rOCLN/8525]

Catalog No	Format	Size
100506658-MSM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
100506658-MSM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
100506658-MSM8-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

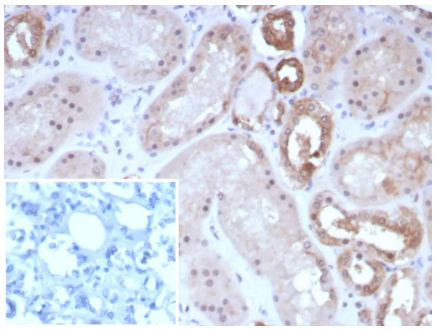
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

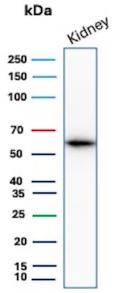
Clone	rOCLN/8525
Immunogen	Recombinant fragment (around aa282-415) of the human Occludin protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	59.14kDa
Cellular Localization	Cell junction, Cell membrane, Tight junction
Species Reactivity	Human
Positive Control	Localized at tight junctions of both epithelial and endothelial cells

**Optimal dilution for a specific application should be determined.*

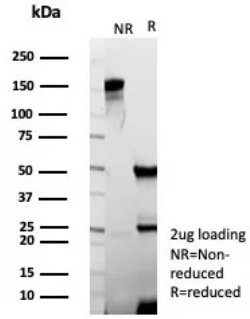
Product Images for Recombinant Occludin (Marker of Early Blood Brain Barrier Damage) Antibody



Formalin-fixed, paraffin-embedded human kidney stained with Occludin Recombinant Mouse Monoclonal Antibody (rOCLN/8525). Inset: PBS instead of primary antibody; secondary only negative control.



Western Blot Analysis of human kidney tissue lysate using Occludin Recombinant Mouse Monoclonal Antibody (rOCLN/8525).



SDS-PAGE Analysis of Purified Occludin Recombinant Mouse Monoclonal Antibody (rOCLN/8525). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions., (Microbial infection) Acts as a coreceptor for hepatitis C virus (HCV) in hepatocytes.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.