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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OCRL monoclonal antibody (M02), clone 4A6

Catalog # : H00004952-M02

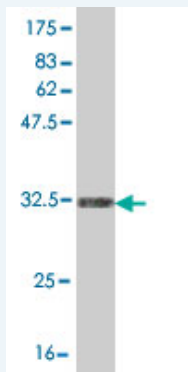
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant OCRL.
Immunogen:	OCRL (NP_000267, 146 a.a. ~ 239 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	SGLLG FEDNFSSMNLDDKINSQNQPTGIHREPPPPF SVNKMLPREKEAS NKEQPKVTNTMRKLFVPNTQSGQREGLIKHILAKREKEYVNIQT
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.08 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

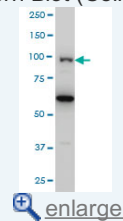
Datasheet: [Download](#)

Applications

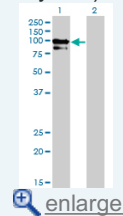
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

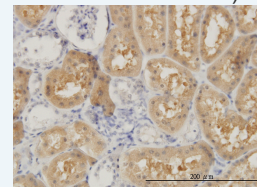


Western Blot (Transfected lysate)

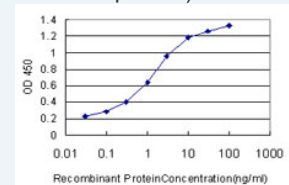


Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

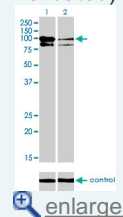


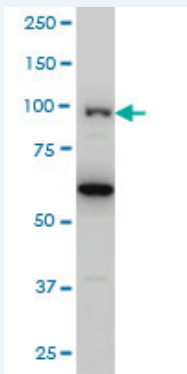
Sandwich ELISA (Recombinant protein)



ELISA

RNAi Knockdown (Antibody validated)

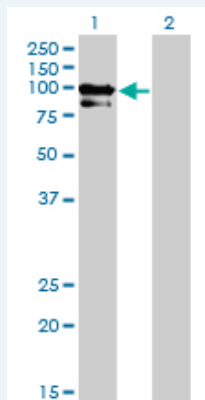




OCRL monoclonal antibody (M02), clone 4A6 Western Blot analysis of OCRL expression in HeLa S3 NE (Cat # L013V3).

[Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of OCRL expression in transfected 293T cell line by OCRL monoclonal antibody (M02), clone 4A6.

Lane 1: OCRL transfected lysate(103.2 KDa).

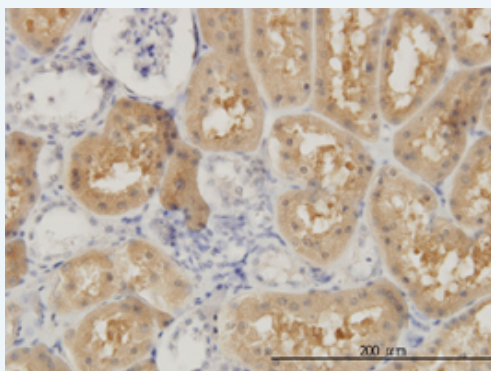
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

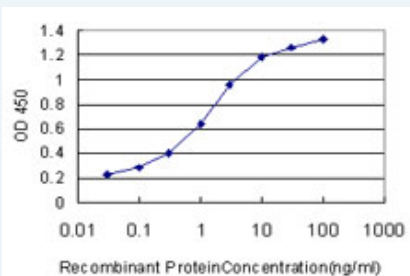


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to OCRL on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

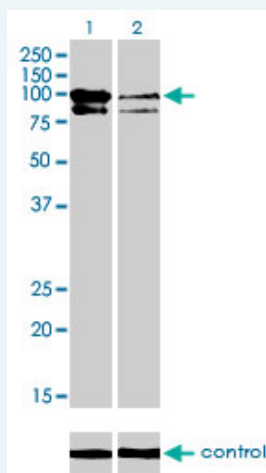


Detection limit for recombinant GST tagged OCRL is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

RNAi Knockdown (Antibody validated)



Western blot analysis of OCRL over-expressed 293 cell line, cotransfected with OCRL Validated Chimera RNAi (Cat # H00004952-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with OCRL monoclonal antibody (M02), clone 4A6 (Cat # H00004952-M02). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Information

Entrez GeneID: [4952](#)

GeneBank [NM_000276](#)

Accession#:

Protein [NP_000267](#)

Accession#:

Gene Name: OCRL

Gene Alias: INPP5F, LOCR, NPHL2, OCRL1

Gene Description: oculocerebrorenal syndrome of Lowe

Omim ID: [300009](#), [300535](#), [309000](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a phosphatase enzyme that is involved in actin polymerization and is found in the trans-Golgi network. Mutations in this gene cause oculocerebrorenal syndrome of Lowe and also Dent disease. [provided by RefSeq]

Other Lowe oculocerebrorenal syndrome

Designations: protein, OTTHUMP00000024304, phosphatidylinositol polyphosphate 5-

phosphatase

Gene Pathway

[Inositol phosphate metabolism](#) [Metabolic pathways](#) [Phosphatidylinositol signaling system](#)

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