

Datasheet: VMA00097

Description:	MOUSE ANTI NHERF2
Specificity:	NHERF2 aa149-231
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000
Immunofluorescence	▪			

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Recombinant fusion protein corresponding to full length NHERF2, fused with maltose binding protein
External Database Links	<p>UniProt: Q15599 Related reagents</p> <p>Entrez Gene: 9351 SLC9A3R2 Related reagents</p>
Synonyms	NHERF2

Specificity	<p>Mouse anti Human NHERF2 recognizes NHERF2, also known as sodium-hydrogen exchange regulatory cofactor NHE-RF2. NHERF2 is a scaffold protein that connects plasma membrane proteins with members of the ezrin/moesin/radixin family and thereby helps to link them to the actin cytoskeleton and to regulate their surface expression. It is necessary for cAMP-mediated phosphorylation and inhibition of SLC9A3. In addition, it may also act as a scaffold protein in the nucleus.</p> <p>NHERF2 is widely expressed in a number of tissues and within the cell it is localised to the endomembrane system, nucleus, apical cell membrane and the glomerular epithelium. Defects in the gene encoding NHERF2 are linked to a number of diseases including cystic fibrosis, hypertensive disease, fibrosis and acidosis amongst others.</p> <p>Mouse anti Human NHERF2 antibody is specific for the second PDZ domain of NHERF2 and has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti NHERF2 antibody detects a band of approximately 46 kDa in Western Blotting
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: Antibody (10040): https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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'M369901:200529'

Printed on 11 Aug 2020

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