

## Product Datasheet

### ENaC beta Antibody (Biotin) (orb383775)

<b>Catalog Number</b>	orb383775
<b>Category</b>	Antibodies
<b>Description</b>	Mouse monoclonal antibody against ENaC beta conjugated to Biotin.
<b>Target</b>	ENaC beta
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Mouse
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	136.36mM Ethanolamine, 133.23 mM Chlorides, 9.55mM Phosphates, 9.55mM Sodium Bicarbonate
<b>Purification</b>	Protein G Purified
<b>Immunogen</b>	Synthetic peptide from the C-terminal of Rat ENaC beta (aa. 617-638)
<b>UniProt ID</b>	<b>P37090</b>
<b>MW</b>	87kDa
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	WB (1:1000); IHC (1:150)

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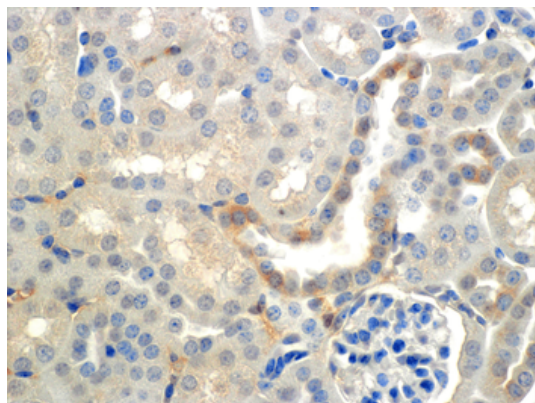
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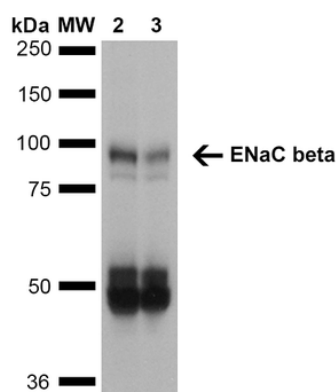
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<b>Application notes</b>	A 1:1000 dilution was sufficient for detection of ENaC beta in 15 µg of Mouse whole kidney lysate by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.
<b>Specificity</b>	Detects ~87kDa.
<b>Clone Number</b>	7B8
<b>Storage</b>	Conjugated antibodies should be stored according to the product label
<b>Note</b>	For research use only
<b>Entrez</b>	<b>24767</b>
<b>NCBI</b>	<b>NP_036780</b>
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-ENaC beta Monoclonal Antibody, Clone 7B8. Tissue: Kidney (cortex). Species: Mouse. Primary Antibody: Mouse Anti-ENaC beta Monoclonal Antibody at 1:150. Localization: Collecting duct principal cells. Magnification: 60X.



Western Blot analysis of Mouse Whole kidney homogenates showing detection of ~87kDa ENaC beta protein using Mouse Anti-ENaC beta Monoclonal Antibody, Clone 7B8. Lane 1: Molecular Weight Ladder (MW). Lane 2: Low-salt diet. Lane 3: Normal-salt diet. Load: 20 µg. Primary Antibody: Mouse Anti-ENaC beta Monoclonal Antibody at 1:1000. Predicted/Observed Size: ~87kDa.

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