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PRODUCT DATASHEET

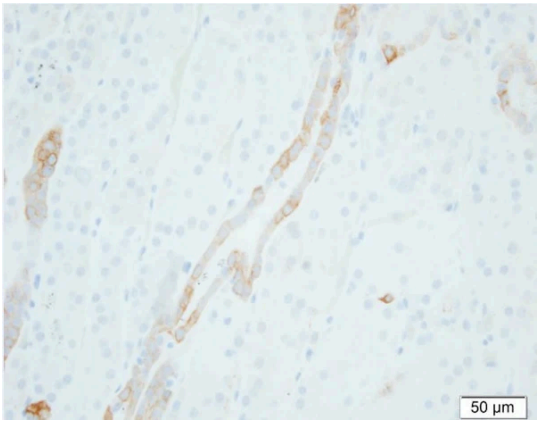
Anti-SCNN1G/Gamma-Subunit Epithelial Sodium Channel Antibody

Product Details

Available Variants	150 uL (SKU:CAM 005-02B-015)
Conjugate	Biotin
Isotype	IgG1/k
Clone	5c2
Gene Name	SCNN1G
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, IHC
Species Reactivity	Human
Immunogen	The inhibitory peptide from the human yENaC subunit. EAESWNSVSEGKQPRFSHRIPLC corresponding to amino acid residue 139-160 of human yENaC subunit.
Specificity	CAM 005-02 is specific for the inhibitory tract of human yENaC subunit. The epitope differs from that of CAM 003-07.
Molecular Weight	74 kDa
Storage	2-8°C without exposure to light
UniProt ID	P51170
Country of Origin	United States

Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
Application Details	CAM 005-02B was used in ELISA. A sandwich ELISA can be made using CAM 003-07 (1-4 µg/ml) as the capture antibody and biotinylated CAM 005-02 (0.05 - 0.2 µg/ml) as the detection antibody in order to detect the peptide from the inhibitory tract (AA 138-131).
NCBI Gene ID	6340

Product Images



Immunohistochemistry detection of SCNN1G/Gamma-Subunit Epithelial Sodium Channel in human kidney tissue using Anti-SCNN1G/Gamma-Subunit Epithelial Sodium Channel Antibody (Cat.CAM 005-02B-015). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.CAM 005-02B-015) was incubated with the sample. Courtesy of Per Svenningsen, PhD.