

For Research Use Only

SLC12A8 Recombinant antibody

Catalog Number: 83225-2-RR



Basic Information

Catalog Number: 83225-2-RR	GenBank Accession Number: BC020506	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84561	CloneNo.: 240082B11
Source: Rabbit	UNIPROT ID: A0AV02	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: solute carrier family 12 (potassium/chloride transporters), member 8	
Immunogen Catalog Number: AG34354	Calculated MW: 714 aa, 80 kDa	

Applications

Tested Applications:
IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human intrahepatic cholangiocarcinoma tissue,
IF/ICC : U2OS cells,

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

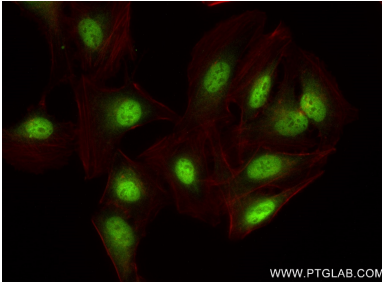
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

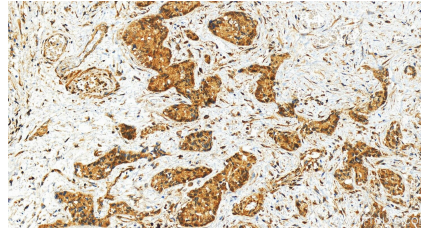
E: proteintech@ptglab.com
W: ptglab.com

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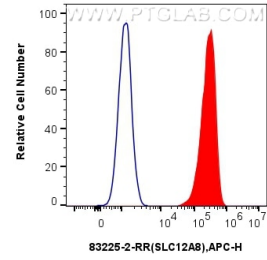
Selected Validation Data



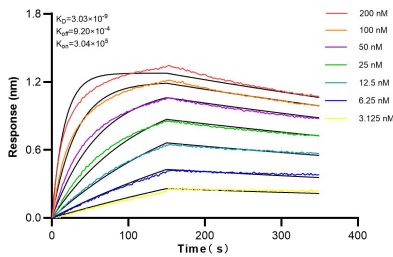
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using SLC12A8 antibody (83225-2-RR, Clone: 240082B11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 83225-2-RR (SLC12A8 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 MCF-7 cells were intracellularly stained with 0.25 μ g SLC12A8 Recombinant antibody (83225-2-RR, Clone:240082B11) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Bi-layer interferometry (BLI) kinetic assays of 83225-2-RR against Human SLC12A8 were performed. The affinity constant is 3.03 nM.