

## NPT1 Monoclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-MCA0949
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of NPT1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Sodium-dependent phosphate transport protein 1
Synonyms	SLC17A1; NPT1; Sodium-dependent phosphate transport protein 1; Na(+); PI cotransporter 1; Na; Pi-4; Renal Na(+)-dependent phosphate cotransporter 1; Renal sodium-dependent phosphate transport protein 1; Renal sodium-phosphate transport protei

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Important for the resorption of phosphate by the kidney. May be involved in actively transporting phosphate into cells via Na(+) cotransport in the renal brush border membrane.,similarity:Belongs to the major facilitator superfamily. Sodium/anion cotransporter family.,subunit:Interacts with PDZK1.,tissue specificity:Expressed in kidney cortex, liver and brain but not in other tissues.,

### Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

### Images



Western Blot analysis using NPT1 Monoclonal antibody against truncated NPT1 recombinant protein.

### Storage

-20°C for one year