

Hydrogen Potassium ATPase Beta antibody [2G11]

Cat. No. GTX22866

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ChIP assay
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Dog, Guinea pig, Pig, Mustelid, Rodent

References (1)

Package

100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:4,000
ICC/IF	1:2,000
IHC-P	1:2000
IHC-Fr	1:2000
FCM	1/50
IP	Assay dependent
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 33 kDa. ([Note](#))

Product Note This antibody has been shown to inhibit the enzymatic activity of the hydrogen/potassium ATPase and to alter the affinity of the cytoplasmic potassium binding site. And it recognizes an epitope between amino acid residues 1-13 or 15-28 located on the cytoplasmic side of the beta-subunit.

Properties

Form	Liquid
Buffer	Ascites diluted with PBS
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	Purified 34 kDa core peptide from deglycosylated hog gastric microsomes.
Purification	Unpurified



For full product information, images and publications, please visit our [website](#).

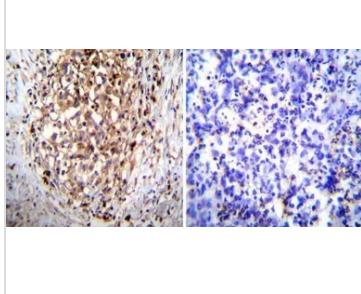
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Conjugation

Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES**GTx22866 IHC-P Image**

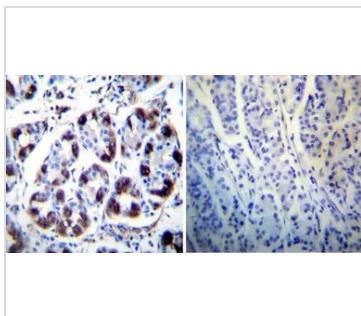
IHC-P analysis of human gastric carcinoma tissue using GTx22866 Hydrogen Potassium ATPase Beta antibody [2G11].

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:200

**GTx22866 IHC-P Image**

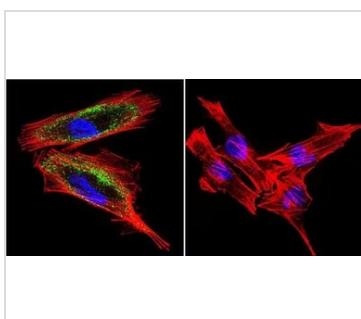
IHC-P analysis of human stomach tissue using GTx22866 Hydrogen Potassium ATPase Beta antibody [2G11].

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:200

**GTx22866 ICC/IF Image**

ICC/IF analysis of A2058 Cells using GTx22866 Hydrogen Potassium ATPase Beta antibody [2G11]. Cells were probed without (right) or with(left) an antibody.

Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:100 overnight at 4 °C



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