

KDEL antibody

Cat. No. GTX22898

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, IHC
Reactivity	Human, Mouse, Rat, Hamster

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	8-16 µg/ml
ICC/IF	Assay dependent
IHC-P	1:100-200
FCM	1-20 µg/ml
IP	Assay dependent
IHC	Assay dependent

Note : Permeabilization step is needed.

Not tested in other applications.

Product Note

This antibody detects a 57 kDa protein representing protein disulfide isomerase (PDI), a 78 kDa protein representing glucose regulated protein 70 kDa (GRP78) and an ~94 kDa protein representing GRP94 in mouse myeloma cells.

Properties

Form	Liquid
Buffer	buffer
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.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to residues C T(643) G E E D T S E K D E L(654) of rat GRP94.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



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

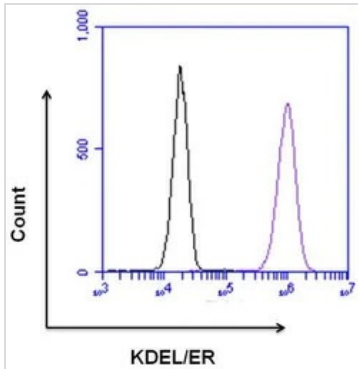
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



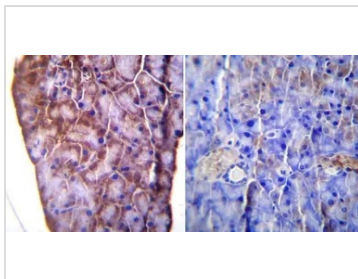
GTx22898 FCM Image

FACS analysis of permeabilized, fixed HeLa cells using GTx22898 KDEL antibody.

Purple histogram : Primary antibody

Black histogram : Isotype control antibody

Dilution : 10 µg/ml incubated for 1 hour on ice



GTx22898 IHC-P Image

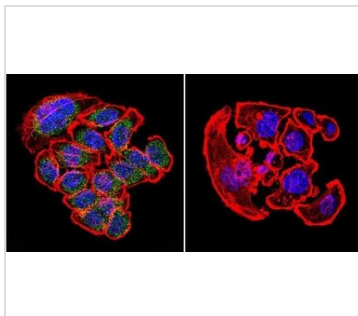
IHC-P analysis of mouse pancreas tissue using GTx22898 KDEL antibody.

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 : 1:100



GTx22898 ICC/IF Image

ICC/IF analysis of U251 cells using GTx22898 KDEL antibody. Cells were probed without (right) or with (left) an antibody.

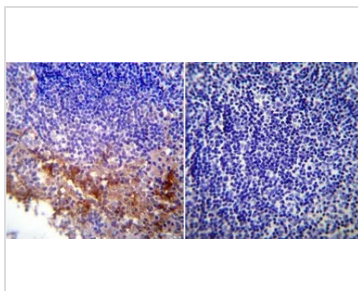
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : formaldehyde

Dilution : 1:200 overnight at 4°C



GTx22898 IHC-P Image

IHC-P analysis of mouse lymph node tissue using GTx22898 KDEL antibody.

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



For full product information, images and publications, please visit our [website](https://www.genetex.com).