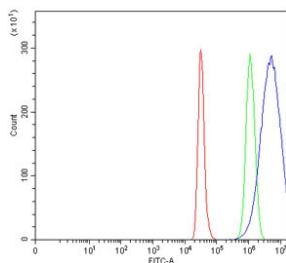


## CTRL Antibody / Chymotrypsin-like protease CTRL-1 (RQ7223)

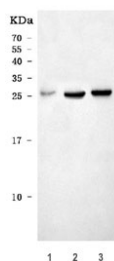
Catalog No.	Formulation	Size
RQ7223	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P40313
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This CTRL antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with CTRL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CTRL antibody.



Western blot testing of 1) human PCP, 2) rat pancreas and 3) mouse pancreas tissue lysate with CTRL antibody. Predicted molecular weight ~28 kDa.

## Description

Chymotrypsin-like protease CTRL-1 is an enzyme that in humans is encoded by the CTRL gene. This gene encodes a serine-type endopeptidase with chymotrypsin- and elastase-2-like activities. The gene encoding this zymogen is expressed specifically in the pancreas and likely functions as a digestive enzyme.

## Application Notes

Optimal dilution of the CTRL antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids I34-N264) was used as the immunogen for the CTRL antibody.

## Storage

After reconstitution, the CTRL antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.