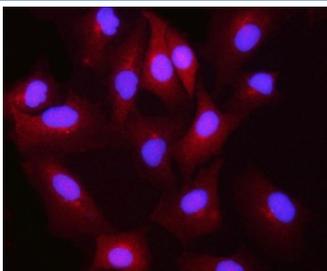


## Biliverdin reductase B Antibody / BLVRB (RQ8113)

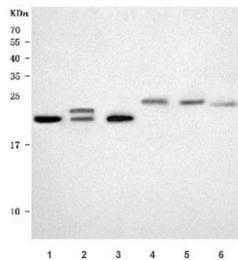
Catalog No.	Formulation	Size
RQ8113	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

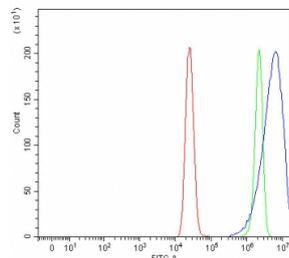
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P30043
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Biliverdin reductase B antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with Biliverdin reductase B antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human K562, 2) human MCF7, 3) human A549, 4) rat liver, 5) rat RH35 and 6) mouse HEPA1-6 cell lysate with Biliverdin reductase B antibody. Predicted molecular weight ~22 kDa, commonly observed at 22-27 kDa.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with Biliverdin reductase B antibody at 1 ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Biliverdin reductase B antibody.

## Description

Biliverdin reductase B is a protein that in humans is encoded by the BLVRB gene. Enables biliverdin reductase (NAD(P)<sup>+</sup>) activity and riboflavin reductase (NADPH) activity. Involved in heme catabolic process.

## Application Notes

Optimal dilution of the Biliverdin reductase B antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids K4-D180) was used as the immunogen for the Biliverdin reductase B antibody.

## Storage

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