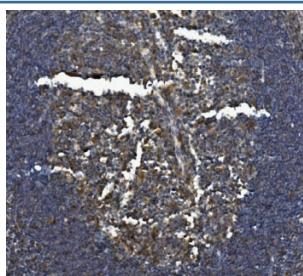


## II-3rb Antibody / Csf2rb / Cd131 (RQ5968)

Catalog No.	Formulation	Size
RQ5968	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

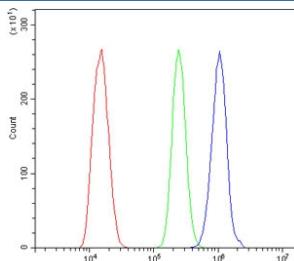
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P26955
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry : 1-2ug/ml Flow Cytometry : 1-3ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This II-3rb antibody is available for research use only.



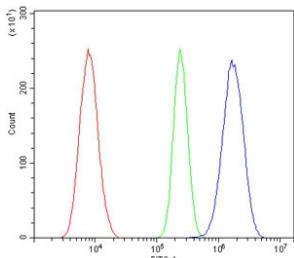
IHC staining of FFPE rat intestine with II-3rb antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of mouse ANA-1 cells with II-3rb antibody. Expected molecular weight: 99-130 kDa depending on glycosylation level.



Flow cytometry testing of mouse ANA-1 cells with IL-3rb antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= IL-3rb antibody.



Flow cytometry testing of rat NRK cells with IL-3rb antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= IL-3rb antibody.

## Description

Cytokine receptor common subunit beta is a protein that in humans is encoded by the CSF2RB gene. It is mapped to 15 E1; 15 37.36 cM. The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP).

## Application Notes

Optimal dilution of the IL-3rb antibody should be determined by the researcher.

## Immunogen

Recombinant mouse protein (amino acids A28-Q891) was used as the immunogen for the IL-3rb antibody.

## Storage

After reconstitution, the IL-3rb antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.