

# Anti-CD126/IL6R/IL-6RA Antibody (R3B41)

## Summary

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<b>Catalog No.</b>	RHC36903
<b>Clone ID</b>	R3B41
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
<b>Species reactivity</b>	Human, Mouse
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	ELISA, FCM, IF, IHC, WB
<b>Target</b>	sIL6R, Interleukin-6 receptor subunit alpha, CD126, IL-6R 1, IL-6R subunit alpha, Membrane glycoprotein 80, gp80, IL6R, IL-6RA, IL-6 receptor subunit alpha, IL-6R-alpha
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P08887

**Stability and Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

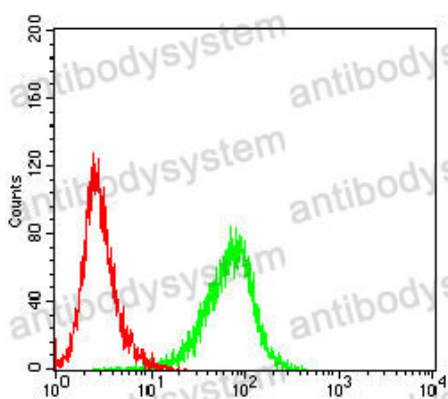
Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

For research use only.

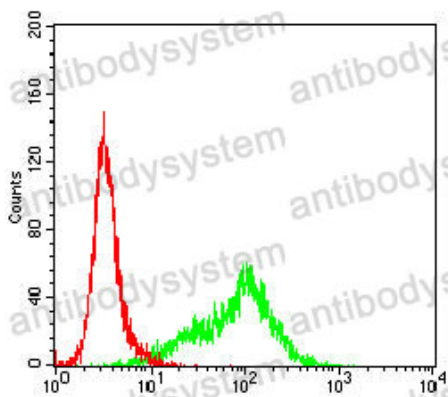
## Data Image

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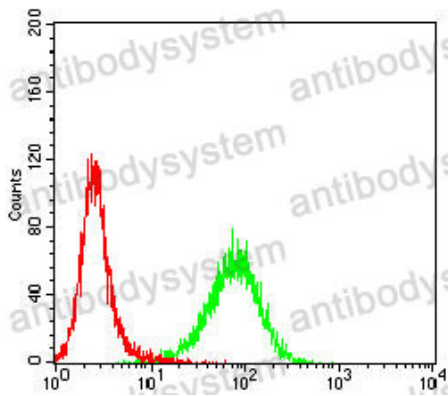
Flow Cytometry

Flow cytometric analysis of Jurkat cells using CD126 mouse mAb (green) and negative control (red).



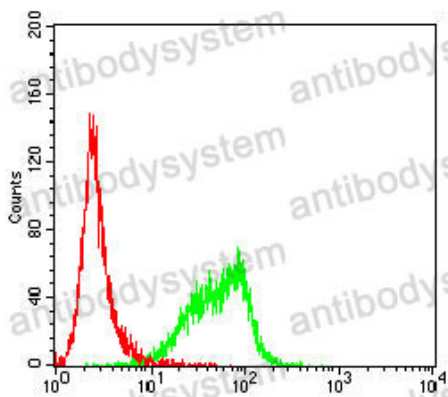
Flow Cytometry

Flow cytometric analysis of K562 cells using CD126 mouse mAb (green) and negative control (red).



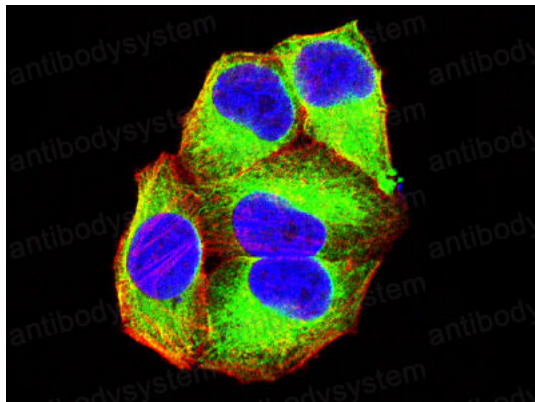
Flow Cytometry

Flow cytometric analysis of THP-1 cells using CD126 mouse mAb (green) and negative control (red).



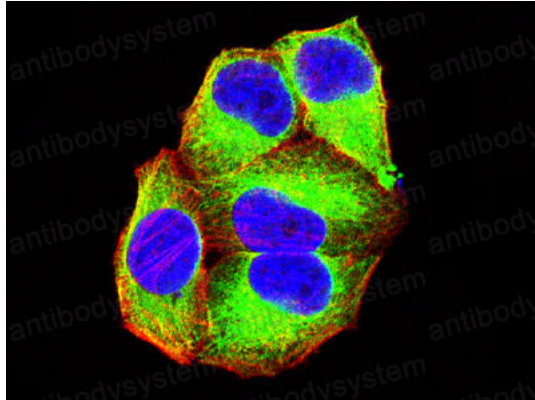
Flow Cytometry

Flow cytometric analysis of U937 cells using CD126 mouse mAb (green) and negative control (red).



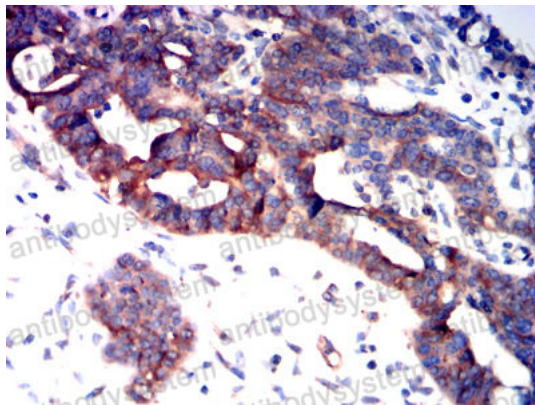
Immunofluorescence

Immunofluorescence analysis of HeLa cells using CD126 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



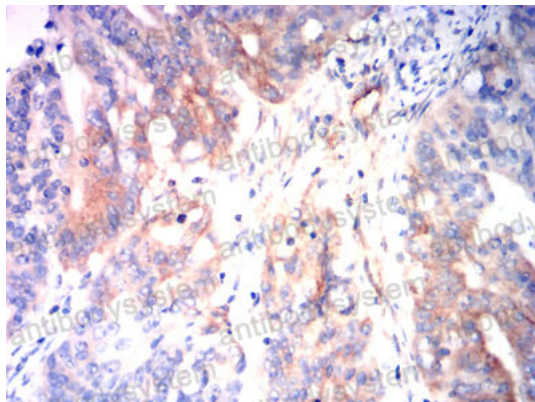
Immunofluorescence

Immunofluorescence analysis of HeLa cells using CD126 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



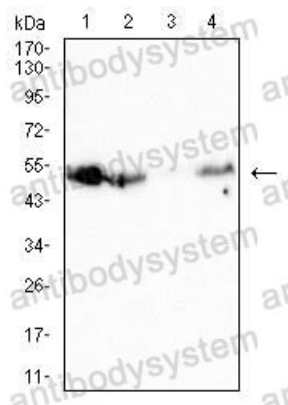
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using CD126 mouse mAb with DAB staining.



Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD126 mouse mAb with DAB staining.



Western blot

Western blot analysis using CD126 mouse mAb against Jurkat (1), MOLT4 (2), Raw264.7 (3) and THP-1 (4) cell lysate.