

CD126 polyclonal antibody

Catalog: NCP0257P

Host: Rabbit

Reactivity: Human

BackGround:

The IL-6 receptor is a heterodimeric complex that consists of a ligand-binding IL-6 receptor α (IL-6R α) subunit and a signaling component, gp130. Binding of IL-6 to IL-6R α results in receptor dimerization with gp130 and subsequent STAT3 activation. IL-6R α is cleaved from the cell surface by ADAM17 (1,2). In humans, soluble IL-6R α is also generated via alternatively spliced mRNA. Soluble IL-6R α binds to IL-6 and can stimulate signaling via membrane bound gp130 in a process known as "trans-signaling". It is through trans-signaling that IL-6 stimulates cells that do not express membrane bound IL-6R α .

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

Swiss-Prot:

P08887

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IF: 1:100~1:500

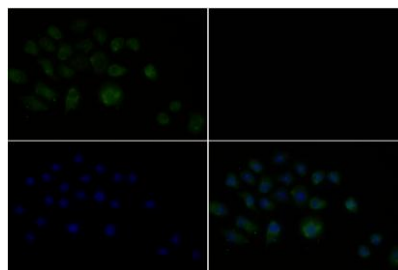
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD126 polyclonal antibody detects endogenous levels of CD126 protein.

DATA:



Immunofluorescence analysis of SGC7901 cells using CD126 pAb at dilution of 1:200 (40x lens).

Note:

For research use only, not for use in diagnostic procedure.

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