

### 30-1103: Anti-CD132 Monoclonal Antibody (Clone: TUGh4) Purified

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	TUGh4
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	IL2RG
<b>Gene ID :</b>	3561
<b>Uniprot ID :</b>	P31785
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IL2RG
<b>Isotype :</b>	Rat IgG2b
<b>Immunogen Information :</b>	Human CD132-transfected cell line

#### Description

CD132 / common gamma chain is an essential component of receptors for IL-2, IL-4, IL-7, IL-9, IL-15, and IL-21, and it is critical for development of the immune system. Its mutation causes X-linked severe combined immunodeficiency disease (XSCID). CD132 is expressed on lymphocytes, NK cells, monocytes, and granulocytes. Through its cytoplasmic part which contains four tyrosines and an SH2 domain, CD132 transduces signal to downstream JAK/STAT pathway.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified from hybridoma culture supernatant by protein-G affinity chromatography.
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

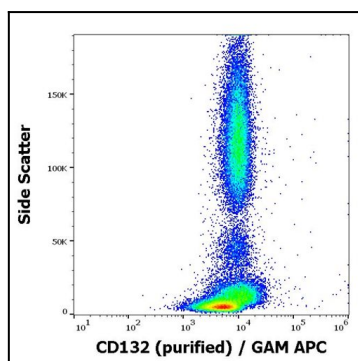


Figure 1: Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD132 (TUGh4) purified antibody GAM APC.

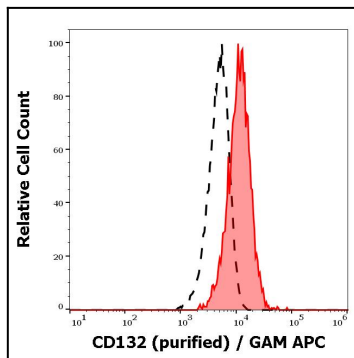


Figure 2: Separation of human lymphocytes (red-filled) from human CD132 negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD132 (TUGh4) purified antibody GAM APC.