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

Clonality :	Monoclonal
Clone Name :	TUGh4
Application :	FACS
Reactivity :	Human
Gene :	IL2RG
Gene ID :	3561
Uniprot ID :	P31785
Format :	Purified
Alternative Name :	IL2RG
Isotype :	Rat IgG2b
Immunogen Information :	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 containsfour tyrosines and an SH2 domain, CD132 transcuces signal to downstream JAK/STAT pathway.

Product Info

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

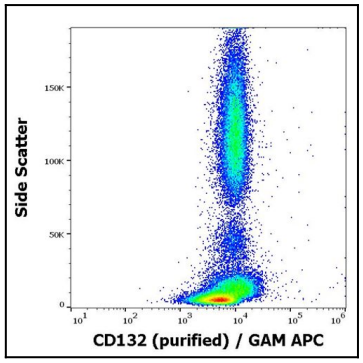


Figure 1: Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD132 (TUGh4) purified antibody GAM APC.

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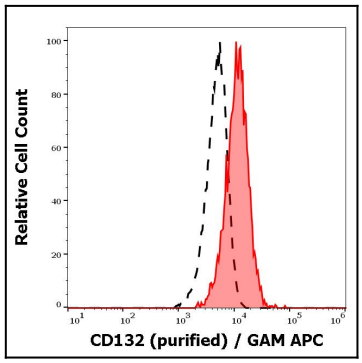


Figure 2: Separation of human lymphocytes (red-filled) from human CD132 negative blood debris (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD132 (TUGh4) purified antibody GAM APC.

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