

Rat anti-Human, Dog CD132 Monoclonal Antibody | anti-CD132 antibody

Anti-Hu CD132 Purified

CATALOG # AAA129006	HOST Rat	REACTIVITY Human, Dog	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD132; Monoclonal Antibody; Anti-Hu CD132 Purified; interleukin 2 receptor subunit gamma; common gamma chain; interleukin 2 receptor gamma; IL2RG; SCIDX; IMD4; anti-CD132 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Human, Dog
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	TUGh4
Specificity	The rat monoclonal antibody TUGh4 recognizes an extracellular epitope of CD132 (the common gamma chain), a 65-70 kDa type I transmembrane glycoprotein broadly expressed by most leukocytes.
Purity/Purification	Purified by Protein-G Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	369
Applicable Applications for anti-CD132 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Human CD132-transfected cell line
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD132 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	400048
NCBI GeneID	3561
UniProt Accession #	P31785
NCBI Official Full Name	Cytokine receptor common subunit gamma
NCBI Official Synonym Full Names	interleukin 2 receptor subunit gamma

NCBI Official Symbol	IL2RG
NCBI Official Synonym Symbols	P64; CIDX; IMD4; CD132; SCIDX; IL-2RG; SCIDX1
NCBI Protein Information	cytokine receptor common subunit gamma
UniProt Protein Name	Cytokine receptor common subunit gamma
UniProt Gene Name	IL2RG
UniProt Synonym Gene Names	IL-2 receptor subunit gamma; IL-2R subunit gamma; IL-2RG
UniProt Entry Name	IL2RG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd132-antibody-clone-tugh4-flow-cytometry-elisa/129006>