

Product datasheet for **TA320316**

IL3RB (CSF2RB) Mouse Monoclonal Antibody [Clone ID: 1C1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1C1
Recommended Dilution:	Flow, IP, WB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	colony stimulating factor 2 receptor beta common subunit
Database Link:	NP_000386 Entrez Gene 1439 Human P32927
Background:	The 1C1 monoclonal antibody reacts with the human CD131 molecule, also known as the common β subunit (β C). The common β subunit associates with the specific α subunits of IL-3 receptor, IL-5 receptor and GM-CSF receptor to form high affinity receptors for these cytokines. These cytokine receptors are expressed by neutrophils, eosinophils, monocytes, endothelial cells, fibroblasts and hematopoietic progenitor cells and play a crucial role in growth/activation of eosinophils and in the inflammatory response.
Synonyms:	CD131; CDw131; IL3RB; IL5RB; SMDP5
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway



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