

ARG65821 anti-IL3RB antibody [1C1]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1C1] recognizes IL3RB
Tested Reactivity	Hu
Tested Application	FACS, IP, WB
Specificity	The monoclonal antibody is a non-blocking antibody. It is distributed to low levels on monocytes, granulocytes, eosinophils, basophils, hematopoietic progenitors and endothelial cells.
Host	Mouse
Clonality	Monoclonal
Clone	1C1
Isotype	IgG1, kappa
Target Name	IL3RB
Species	Human
Immunogen	Human IL3RB
Conjugation	Un-conjugated
Alternate Names	IL5RB; CDw131; CD antigen CD131; CD131; IL3RB; SMDP5; GM-CSF/IL-3/IL-5 receptor common beta subunit; Cytokine receptor common subunit beta

Application Instructions

Application table	Application	Dilution
	FACS	< 1.0 µg/10 ⁶ cells in 100 µl volume or 100 µl of whole blood
	IP	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Purification Note	0.2 µm filter sterilized.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.2) and 0.09% Sodium azide.
Preservative	0.09% Sodium azide

Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 1439 Human Swiss-port # P32927 Human
Gene Symbol	CSF2RB
Gene Full Name	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
Background	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq, Jul 2008]
Function	High affinity receptor for interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor. [UniProt]
Calculated Mw	97 kDa
PTM	May be phosphorylated by LYN.