

ARG22542 anti-IL10R subunit alpha antibody [1B1.3a]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [1B1.3a] recognizes IL10R subunit alpha
Tested Reactivity	Ms
Species Does Not React With	Hu
Tested Application	FACS
Host	Rat
Clonality	Monoclonal
Clone	1B1.3a
Isotype	IgG1
Target Name	IL10R subunit alpha
Species	Mouse
Immunogen	Purified recombinant extracellular region of mouse CDw210a.
Conjugation	Un-conjugated
Alternate Names	IL-10R subunit alpha; CD210a; HIL-10R; Interleukin-10 receptor subunit alpha; IL-10R1; IL-10 receptor subunit alpha; IL10R; Interleukin-10 receptor subunit 1; IL-10R subunit 1; CDw210a; CDW210A; IL-10RA; CD antigen CD210; CD210

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>1:10 - 1:100</td></tr> </table>	Application	Dilution	FACS	1:10 - 1:100
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Application Note	<p>FACS: Due to low expression of CDw210a, sensitive staining techniques may be required. Use 10 µl of the suggested working dilution to label 10⁶ cells in 100 µl.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS 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

Gene Symbol	IL10ra
Gene Full Name	interleukin 10 receptor, alpha
Background	<p>The protein encoded by this gene is a receptor for interleukin 10. This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines. This receptor is reported to promote survival of progenitor myeloid cells through the insulin receptor substrate-2/PI 3-kinase/AKT pathway. Activation of this receptor leads to tyrosine phosphorylation of JAK1 and TYK2 kinases. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2009]</p>
Function	Receptor for IL10; binds IL10 with a high affinity. [UniProt]
Calculated Mw	63 kDa