

ARG22543 anti-IL10R subunit alpha antibody [1B1.3a] (azide free)

Package: 250 µg
Store at: -20°C

Summary

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|-----------------------------|---|
| Product Description | Azide free Rat Monoclonal antibody [1B1.3a] recognizes IL10R subunit alpha |
| Tested Reactivity | Ms |
| Species Does Not React With | Hu |
| Tested Application | FACS, FuncSt |
| Specificity | IL-10R blocking antibody (1B1.3A) could block IL-10R signal transduction induced by IL10. |
| 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 | Application | Dilution |
|-------------------|--|-----------------|
| | FACS | 1:10 - 1:100 |
| | FuncSt | Assay-dependent |
| Application Note | FACS: Due to low expression of CDw210a, sensitive staining techniques may be required. Use 10 µl of the suggested working dilution to label 10 ⁶ cells in 100 µl. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS |
| 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 | 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] |
| Function | Receptor for IL10; binds IL10 with a high affinity. [UniProt] |
| Calculated Mw | 63 kDa |