

AF/LE Purified Anti-Mouse CD210/IL-10R Antibody[1B1.3A]**Catalog Number:** GF10360**Note:** Centrifuge before opening to ensure complete recovery of vial contents.**Description**

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|---------------------|---|
| Reactivity | Mouse |
| Immunogen | Recombinant Mouse CD210/IL-10R protein |
| Host | Rat |
| Isotype | Rat IgG1, κ |
| Clone | 1B1.3A |
| Purification | >98%, Protein A/G purified |
| Conjugation | None (AF/LE) |
| Buffer | Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method. |

Applications**Recommended Dilution**

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| FCM | 2 $\mu\text{g/mL}$ (0.5×10^6 - 1×10^6 cells) |
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Preparation & Storage

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| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions. |
| Shipping | Ice bag |

Background

CD210 is a 90-110 kD IL-10 receptor. It is a class II cytokine receptor expressed on thymocytes, T cells, B cells, NK cells, monocytes and macrophages. Ligand binding of CD210 induces Jak1 and Tyk, resulting in STAT1 and STAT3 activation. IL-10 receptor stimulation results in the inhibition of cytokine production and the costimulation of B cell proliferation and differentiation. The only known ligand for this receptor is IL-10.