# IL-10 Ab

Images(1)

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|---|---|---|
| Cat.#: BF0175 | Concn.: ~1mg/ml | Mol.Wt.: 21kDa |
| Size: | Source: Mouse | Clonality: Monoclonal |

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| Application: | ELISA 1:10000, WB 1:500-1:2000<br>*The optimal dilutions should be determined by the end user. |
| Reactivity: | Human |
| Storage: | Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt. |
| Purification: | Affinity-chromatography. |
| Immunogen: | Purified recombinant fragment of human IL-10 expressed in E. Coli. |
| Uniprot: | P22301 |
| Description: | Interleukine 10 (IL-10) is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down- regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. |

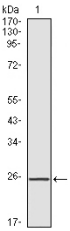


Figure 1: Western blot analysis using IL10 mouse mAb against IL10 recombinant protein.

*IMPORTANT:* For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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