

# Product Datasheet

## IL-10 Antibody (JES5-2A5) [PE] NB100-64181

Unit Size: 0.05 ml

Store at 4C. Do not freeze.

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**NB100-64181**

IL-10 Antibody (JES5-2A5) [PE]

Product Information	
Unit Size	0.05 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	JES5-2A5
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	PE
Purity	Protein G purified
Buffer	PBS, 0.5% BSA, and 5% Sucrose

Product Description	
Host	Rat
Gene ID	3586
Gene Symbol	IL10
Species	Human, Mouse
Reactivity Notes	Human, Mouse
Specificity/Sensitivity	This anti-mIL-10 neutralizes the biological activity of murine IL-10. It does not cross-react with Hu-IL-10. Murine interleukin 10 (IL-10) is a multifunctional 30-40 kDa cytokine which is produced by TH2 mouse T Helper cell clones and which inhibits the synthesis of several cytokines by TH1 cells. Interleukin 10 was for this reason originally known as the Cytokine Synthesis Inhibitory Factor (CSIF). Interleukin 10 has activities which involve a wide variety of cell types. These activities include: inhibition of macrophage cytokine synthesis; inhibition of antigen presentation (selective for TH1 cells); enhancement of B cell survival; enhancement of MHC class II expression; contribution to the overall function of TH2 cells. Murine IL-10 has been shown to exhibit extensive sequence similarity to Human IL-10 and to an open reading frame in the Epstein-Barr virus genome BLRF 1. In contrast to Human IL-10 which is active on murine cells, murine IL-10 is not active in human cells. Given the aforementioned range of effects of IL-10 and its potential anti-inflammatory properties, antibodies capable of blocking the biological activity are clearly essential in the study of these effects.
Immunogen	The antibody reacts with the IL-10 antigen.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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