



Product Datasheet

Low Endotoxin Purified Anti-Mouse IL-4 Antibody [11B11]

Catalogue Code: AGEL2057

Antibody Data

Product SKU:	AGEL2057	Clone:	11B11
Applications:	ICFCM;Neut;Stim		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Interleukin-4;IL-4;B-cell IgG differentiation factor;B-cell growth factor 1;BSF-1;IGG1 induction factor;
Uniprot ID:	P07750
Background:	IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. IL-4 is a potent lymphoid cell growth factor which stimulates the growth and activation of certain B cells and T cells. IL-4 is important for regulation of T helper subset development.
Form:	Liquid
Conjugation:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Rat
Isotype:	Rat IgG1, κ
Isotype Control:	AF/LE Purified Rat IgG1, κ Isotype Control[HRPN] [Product AGEL2057]
Storage Buffer:	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISPOT applications, a concentration range of 2-6 µg/ml is recommended. For ELISA capture applications, a concentration range of 0.5-2.0 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of IL-4 recombinant protein ranging from 250 to 2 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.
