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Datasheet for ABIN1107836 **anti-IL27 antibody**

Overview

Quantity:	2 mL
Target:	IL27
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL27 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant Human IL-27.
Clone:	B-G49
Isotype:	IgG2a
Specificity:	Recognizes both natural and recombinant Human IL-27
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Ion Exchange Chromatography.

Target Details

Target:	IL27
Alternative Name:	Interleukin-27 / IL27A (IL27 Products)
Background:	Like interleukin-23 (IL-23), IL-27 is a recently discovered member of the IL-6/IL-12 family of

Target Details

proinflammatory and immunoregulatory cytokines. It exists as a heterodimer composed of the p40-related protein EBI3 and an IL-12 p35-related protein termed p28. IL-27 is produced after activation by antigen-presenting cells and induces proliferation of naive but not memory CD4+ T-cells. It acts by binding to its receptor WSX-1 and gp130 which results in the activation of a Jak/STAT signaling cascade, suggesting the IL-27 is involved in the regulation of immune processes. It has been suggested that IL-27 can also be used as a therapeutic agent against cancer as it can also induce tumor-specific anti-tumor activity mediated through CD8+ T-cells, IFN-gamma, and T-bet. Synonyms: IL-27 subunit alpha, IL-30, IL27-A, IL30, Interleukin-30, p28

Gene ID: 246778

NCBI Accession: [NP_663634](#)

UniProt: [Q8NEV9](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 1 % BSA as stabilizer and 0.09 % Sodium Azide as preservative.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.