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Datasheet for ABIN5564239
anti-IL1F9 antibody

Overview

Quantity:	100 µg
Target:	IL1F9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human IL-36gamma.
Clone:	Jussy-1
Isotype:	IgG1
Specificity:	Recognizes human IL-36gamma.
Cross-Reactivity:	Human
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	IL1F9
Alternative Name:	IL-36gamma (IL1F9 Products)
Background:	IL-36alpha (IL-1F6), IL-36beta (IL-1F8) and IL-36gamma (IL-1F9) bind to IL-36R (IL-1Rrp2) and IL-1RAcP, activating similar intracellular signals as IL-1 and are inhibited by IL-36Ra. The

Target Details

expression of IL-36 cytokines has been shown to occur at different sites including the lung and skin and can be derived from diverse cell types including keratinocytes, bronchial epithelium as well as macrophages, monocytes and different T cell subsets. IL-36 family members induce the production of proinflammatory cytokines, including IL-12, IL-1beta, IL-6, TNF-alpha and IL-23 in BMDC and CD4 T cells, thus promoting neutrophil influx, dendritic cell (DC) activation, polarization of T helper type 1 (Th1) and IL-17-producing T cells (alphabeta T cells and gammadelta T cells) and keratinocyte proliferation. These cytokines may represent potential targets for immune-mediated inflammatory conditions or, alternatively, could be used as adjuvants in vaccination. IL-36gamma is also induced in the lung in various models of asthma and can be produced by bronchial epithelial cells in response to viral infection, smoke or inflammatory cytokines.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 10 % glycerol and 0.02 % sodium azide.

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,-20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months