



IL23A mouse mAb

Catalog No	YP-mAb-12455
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	IL23A
Protein Name	IL23A
Immunogen	Synthesized peptide derived from human IL23A
Specificity	This antibody detects endogenous levels of Human IL23A
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Interleukin-23 subunit alpha (IL-23 subunit alpha;IL-23-A;Interleukin-23 subunit p19;IL-23p19)
Observed Band	
Cell Pathway	Secreted . Secreted upon association with IL12B.
Tissue Specificity	Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).
Function	cell activation, defense response, inflammatory response, immune response, cell proliferation, response to wounding, response to virus, mononuclear cell proliferation, T cell proliferation, T cell activation, innate immune response, leukocyte activation, lymphocyte activation, lymphocyte proliferation, tissue remodeling, leukocyte proliferation,
Background	developmental stage:Expressed by newborns dendritic cells.,function:Associates with IL12B to form the IL-23 interleukin, an heterodimeric cytokine which functions in innate and adaptive immunity. IL-23 may constitute with IL-17 an acute response to infection in peripheral tissues. IL-23 binds to an heterodimeric receptor complex composed of IL12RB1 and IL23R, activates the Jak-Stat signaling cascade, stimulates memory rather than naive T-cells and promotes production of proinflammatory cytokines. IL-23 induces autoimmune inflammation and thus may be responsible for autoimmune inflammatory diseases and may be important for tumorigenesis.,induction:Up-regulated by a wide array of pathogens



and pathogen-products together with self-signals for danger or injury.
Up-regulated in psoriatic dermal tissues, in dendritic cells of multiple sclerosis patients and in tumors.,similarity:Belongs to the IL-6 superfamily.,subcellular location:Secreted upon association with IL12B.,subunit:Heterodimer with IL12B; disulfide-linked. The heterodimer is known as interleukin IL-23.,tissue specificity:Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images