



# IL23A rabbit pAb

Cat No.:ES20324

For research use only

## Overview

<b>Product Name</b>	IL23A rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:1000-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human IL23A
<b>Specificity</b>	This antibody detects endogenous levels of Human IL23A
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	IL23A
<b>Gene Name</b>	IL23A
<b>Cellular localization</b>	Secreted . Secreted upon association with IL12B.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	
<b>Human Swiss-Prot Number</b>	Q9NPF7
<b>Alternative Names</b>	Interleukin-23 subunit alpha (IL-23 subunit alpha;IL-23-A;Interleukin-23 subunit p19;IL-23p19)
<b>Background</b>	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),

