

Product Datasheet

Anti-IL23 Rabbit pAb



WL01655

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-IL23 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:150
Cellular localization	Secreted	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background
IL-23 is a subunit of the heterodimeric cytokine interleukin 23 (IL23). IL23 is composed of this protein and the p40 subunit of interleukin 12 (IL12B). The receptor of IL23 is formed by the beta 1 subunit of IL12 (IL12B1) and an IL23 specific subunit, IL23R. Both IL23 and IL12 can activate the transcription activator STAT4, and stimulate the production of interferon-gamma (IFNG). In contrast to IL12, which acts mainly on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells.

Immunogen
Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IL23.

Purification
Polyclonal antibody was purified by immunogen affinity chromatography.

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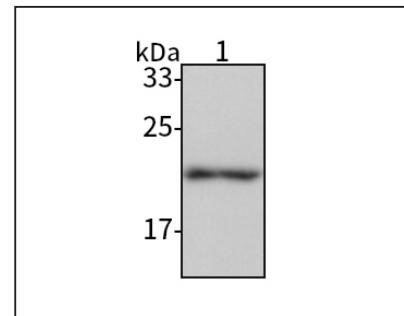
Anti-IL23 Rabbit pAb



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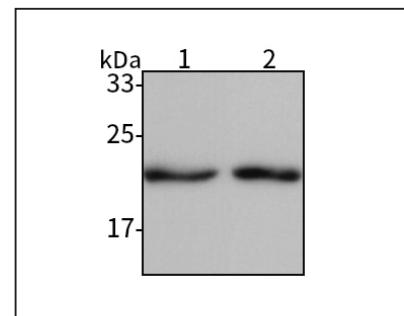
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Product Images



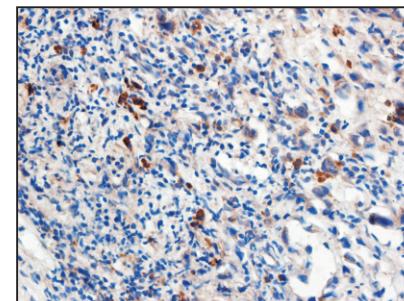
Western blot-Anti-IL23 pAb

Lane 1: Human placenta tissue lysate
All lanes: Anti-IL23 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 21 kDa
Observed band size: 21 kDa



Western blot-Anti-IL23 pAb

Lane 1: Mouse placenta tissue lysate
Lane 2: Rat placenta tissue lysate
All lanes: Anti-IL23 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 21 kDa
Observed band size: 21 kDa



Immunohistochemistry-Anti-IL23 pAb

Immunohistochemical analysis of paraffin-embedded human breast cancer using anti-IL23 Rabbit Antibody at 1:75 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0