

IL22RA1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant IL22RA1.

Catalog # AT2516a

Product Information

Application	WB, E
Primary Accession	Q8N6P7
Other Accession	BC029273
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	6B5
Calculated MW	63077

Additional Information

Gene ID	58985
Other Names	Interleukin-22 receptor subunit alpha-1, IL-22 receptor subunit alpha-1, IL-22R-alpha-1, IL-22RA1, Cytokine receptor class-II member 9, Cytokine receptor family 2 member 9, CRF2-9, ZcytoR11, IL22RA1, IL22R
Target/Specificity	IL22RA1 (AAH29273, 19 a.a. ~ 574 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	IL22RA1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

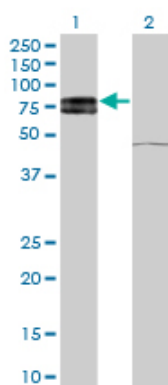
Background

The protein encoded by this gene belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10BR/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36.

References

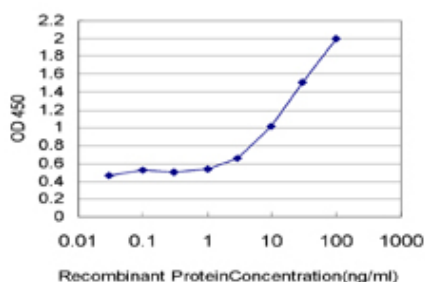
New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. *Genes Immun*, 2010 Apr. PMID 20237496. IL-17 and IL-22 mediate IL-20 subfamily cytokine production in cultured keratinocytes via increased IL-22 receptor expression. Tohyama M, et al. *Eur J Immunol*, 2009 Oct. PMID 19731362. Expression pattern of mda-7/IL-24 receptors in liver cancer cell lines. Zhu H, et al. *Hepatobiliary Pancreat Dis Int*, 2009 Aug. PMID 19666410. New activation modus of STAT3: a tyrosine-less region of the interleukin-22 receptor recruits STAT3 by interacting with its coiled-coil domain. Dumoutier L, et al. *J Biol Chem*, 2009 Sep 25. PMID 19632985. Polymorphisms in the interleukin-22 receptor alpha-1 gene are associated with severe chronic rhinosinusitis. Endam LM, et al. *Otolaryngol Head Neck Surg*, 2009 May. PMID 19393422.

Images



Western Blot analysis of IL22RA1 expression in transfected 293T cell line by IL22RA1 monoclonal antibody (M03), clone 6B5.

Lane 1: IL22RA1 transfected lysate (63.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged IL22RA1 is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.