

IL13RA1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant IL13RA1.

Catalog # AT2503a

Product Information

Application	WB, E
Primary Accession	P78552
Other Accession	BC015768
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1F5
Calculated MW	48760

Additional Information

Gene ID	3597
Other Names	Interleukin-13 receptor subunit alpha-1, IL-13 receptor subunit alpha-1, IL-13R subunit alpha-1, IL-13R-alpha-1, IL-13RA1, Cancer/testis antigen 19, CT19, CD213a1, IL13RA1, IL13R, IL13RA
Target/Specificity	IL13RA1 (AAH15768, 1 a.a. ~ 427 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	IL13RA1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

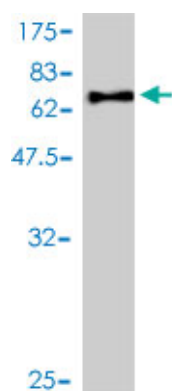
Background

The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4.

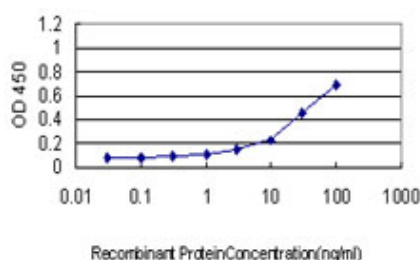
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. Pediatr Pulmonol, 2010 Jun. PMID 20503287. New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Interleukin-13 and its receptors in idiopathic interstitial pneumonia: clinical implications for lung function. Park SW, et al. J Korean Med Sci, 2009 Aug. PMID 19654941.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.71 KDa) .



Detection limit for recombinant GST tagged IL13RA1 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'.