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IL23R Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IL23R.
Catalog # AT2517a

Product Information

Application	WB, E
Primary Accession	Q5VWK5
Other Accession	NM_144701
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3D7
Calculated MW	71722

Additional Information

Gene ID	149233
Other Names	Interleukin-23 receptor, IL-23 receptor, IL-23R, IL23R
Target/Specificity	IL23R (NP_653302, 553 a.a. ~ 628 a.a) partial 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	IL23R Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

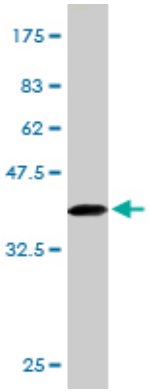
The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

References

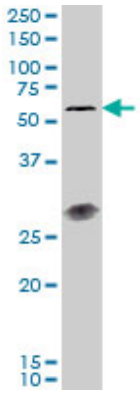
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Toll-like receptor 9, NOD2 and IL23R gene polymorphisms influenced

outcome in AML patients transplanted from HLA-identical sibling donors. Elmaagacli AH, et al. Bone Marrow Transplant, 2010 Jul 12. PMID 20622911.Genome-wide association studies identify IL23R-IL12RB2 and IL10 as Beh?et's disease susceptibility loci. Mizuki N, et al. Nat Genet, 2010 Aug. PMID 20622879.Genome-wide association study identifies variants in the MHC class I, IL10, and IL23R-IL12RB2 regions associated with Beh?et's disease. Remmers EF, et al. Nat Genet, 2010 Aug. PMID 20622878.A nonsynonymous polymorphism in IL23R gene is associated with risk of gastric cancer in a Chinese population. Chen J, et al. Mol Carcinog, 2010 Oct. PMID 20607725.

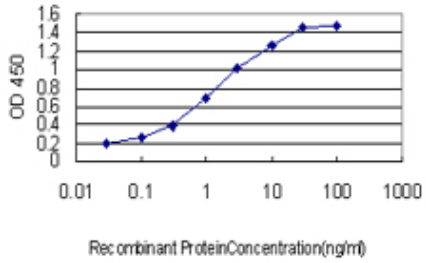
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.1 KDa) .



IL23R monoclonal antibody (M01), clone 3D7 Western Blot analysis of IL23R expression in A-431 ((Cat # AT2517a)



Detection limit for recombinant GST tagged IL23R is approximately 0.1ng/ml as a capture antibody.

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